Figure 1

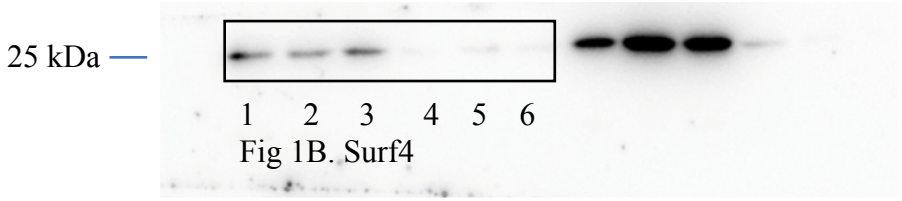


Fig 1B. Surf4. Whole liver lysate was subjected to WB. The membrane was blotted with an anti-Surf4 antibody. Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (12%).

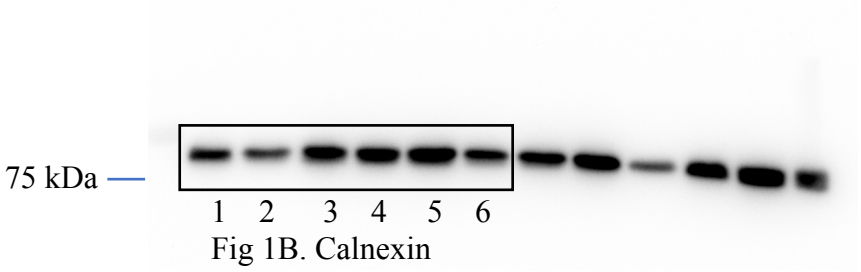


Fig 1B. **Calnexin.** Whole liver lysate was subjected to WB. The membrane was blotted with a rabbit anti-calnexin antibody. Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (12%).

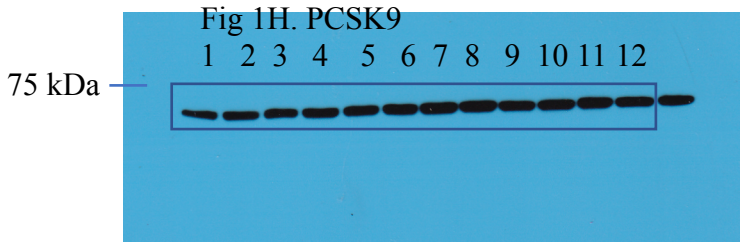


Fig 1H. PCSK9. The membrane was cut into halves. The top part was blotted with a rabbit anti-mouse PCSK9 antibody (abcam). Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (10%).

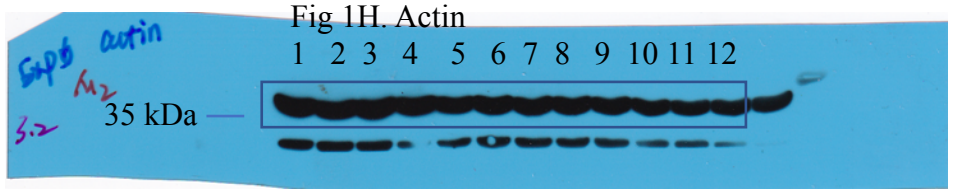


Fig 1H. Actin. The membrane was cut into halves. The bottom part was blotted with a rabbit anti-actin antibody (Bioss). Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (10%).

Figure 1 K

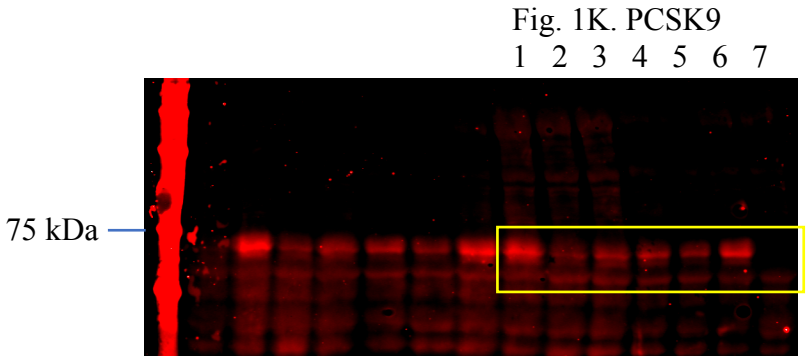


Fig 1K. PCSK9. The membrane was blotted with a rabbit anti-mouse PCSK9 antibody (abcam). Antibody binding was detected using IRDye680-Donkey anti-rabbit IgG. SDS-PAGE (8%).

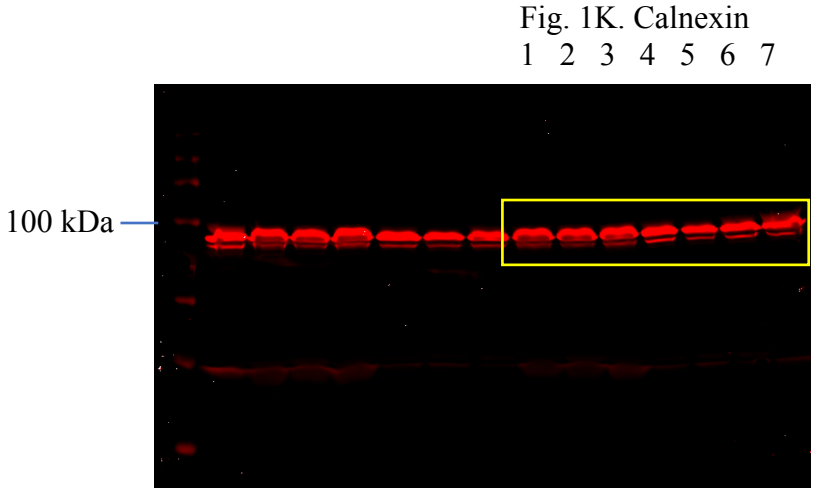


Fig 1K. Calnexin. The membrane was blotted with a rabbit anti-Calnexin antibody (abcam). Antibody binding was detected using IRDye680-Donkey anti-rabbit IgG. SDS-PAGE (80%).

Figure 3B

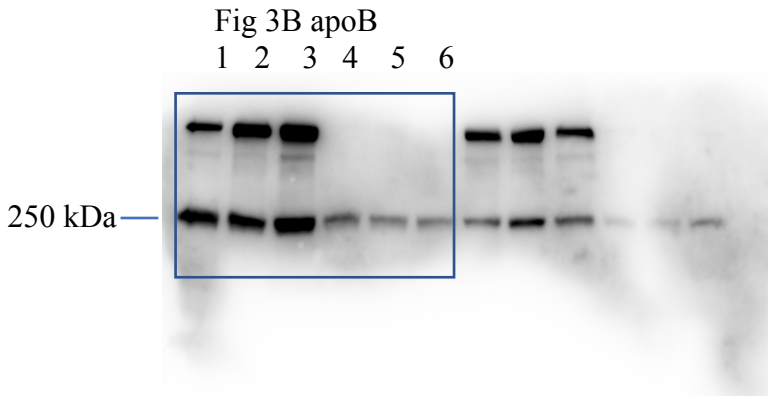


Fig 3B. apoB. The membrane was blotted with a rabbit anti-apoB antibody (abcam). SDS-PAGE (6%). Antibody binding was detected using HRP-conjugated secondary antibodies.

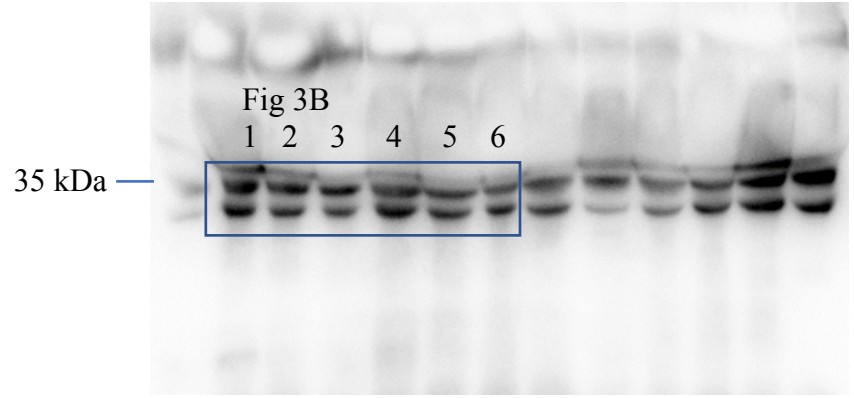


Fig 3B. apoE. The membrane was blotted with a mouse anti-apoE antibody (abcam). SDS-PAGE (10%). Antibody binding was detected using HRP-conjugated secondary antibodies.

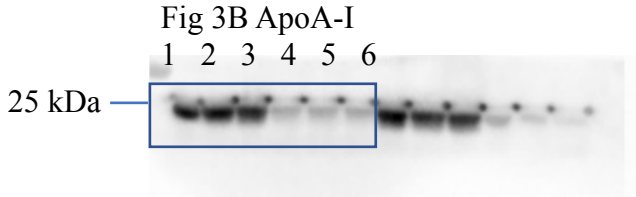


Fig 3B. ApoA-I. The membrane was blotted with a rabbit anti-apoA-I antibody (Bioss). SDS-PAGE (10%). Antibody binding was detected using HRP-conjugated secondary antibodies.

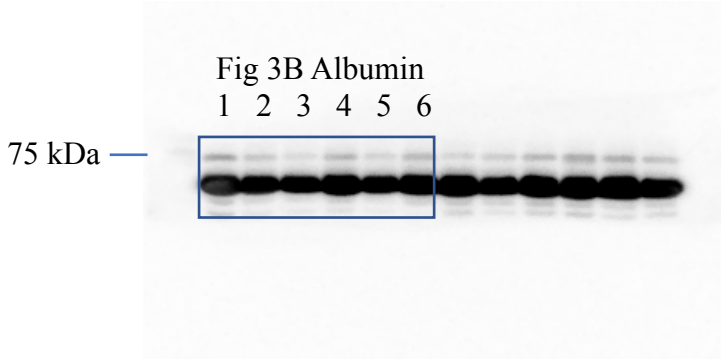


Fig 3B. Albumin. The membrane was blotted with a rabbit anti-albumin antibody (abcam). SDS-PAGE (10%). Antibody binding was detected using HRP-conjugated secondary antibodies.

Figure 3 E

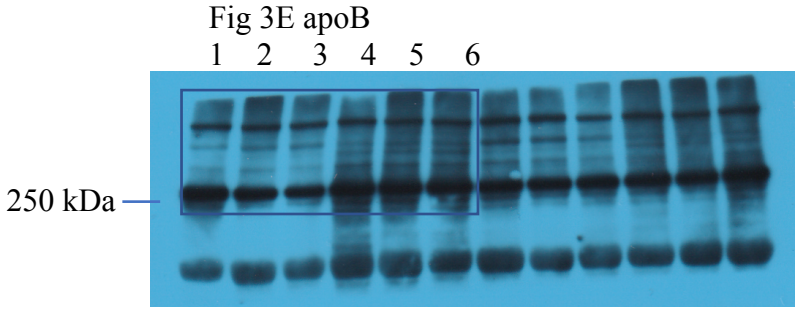


Fig 3E. apoB. The membrane was blotted with a rabbit anti-apoB antibody (abcam). SDS-PAGE (6%). Antibody binding was detected using HRP-conjugated secondary antibodies.

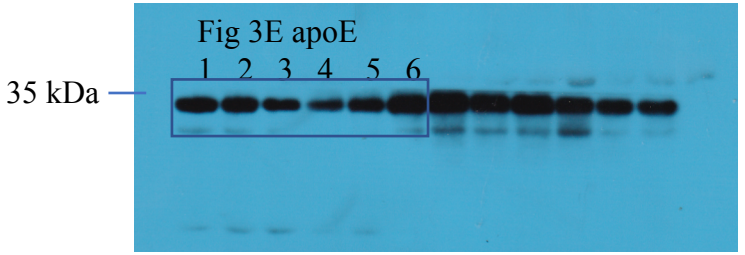


Fig 3E. apoE. The membrane was cut into halves. The bottom halves was blotted with a mouse anti-apoE antibody (abcam). SDS-PAGE (10%). Antibody binding was detected using HRP-conjugated secondary antibodies.

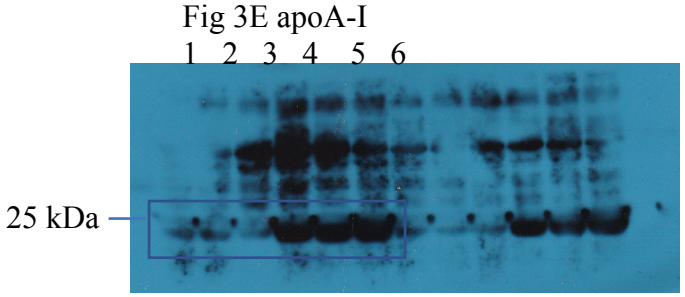


Fig 3E. apoA-I. The membrane was blotted with a mouse anti-apoA-I antibody (abcam). SDS-PAGE (10%). Antibody binding was detected using HRP-conjugated secondary antibodies.

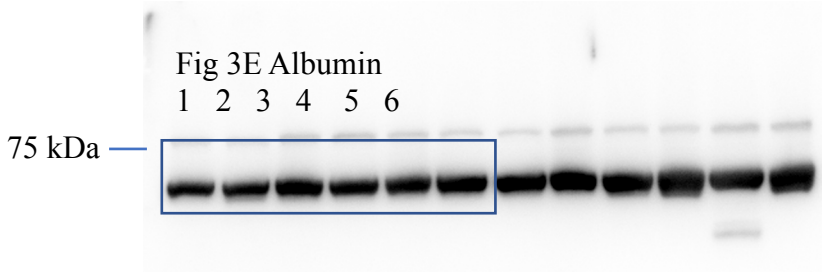


Fig 3E. Albumin. The membrane was blotted with a rabbit anti-albumin antibody (abcam). SDS-PAGE (10%). Antibody binding was detected using HRP-conjugated secondary antibodies.

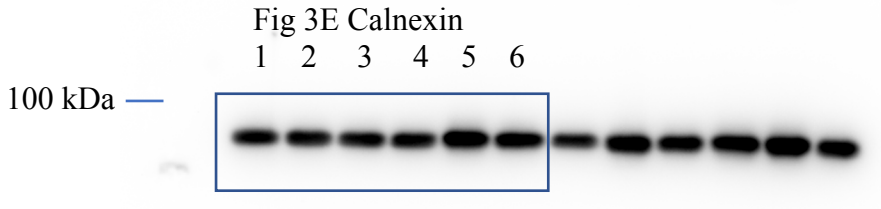


Fig 3E. Calnexin. The membrane was blotted with a rabbit anti-Calnexin antibody (abcam). SDS-PAGE (10%). Antibody binding was detected using HRP-conjugated secondary antibodies.

Figure 3 G

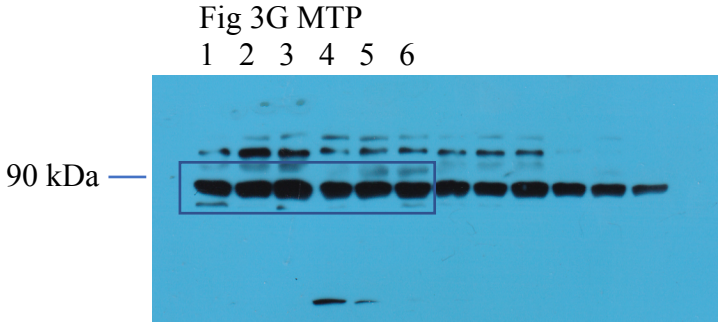


Fig 3G. MTP. The membrane was blotted with a rabbit anti-MTP antibody (Bioworld). SDS-PAGE (8%). Antibody binding was detected using HRP-conjugated secondary antibodies.

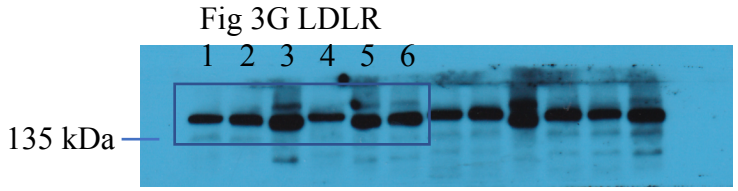


Fig 3G. LDLR. The membrane was cut into halves. The top part was blotted with a rabbit anti-LDLR antibody (abcam). SDS-PAGE (8%). Antibody binding was detected using HRP-conjugated secondary antibodies.

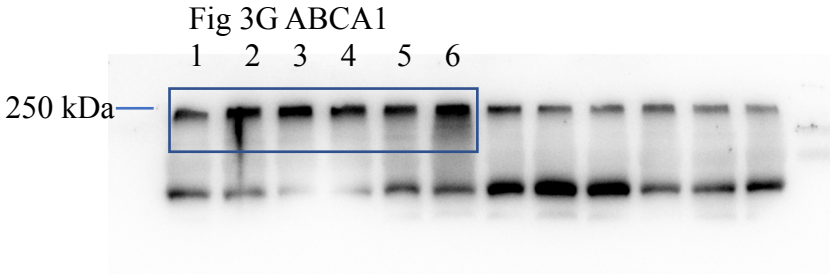


Fig 3G. ABCA1. The membrane was blotted with an anti-ABCA1 antibody. SDS-PAGE (8%). Antibody binding was detected using HRP-conjugated secondary antibodies.

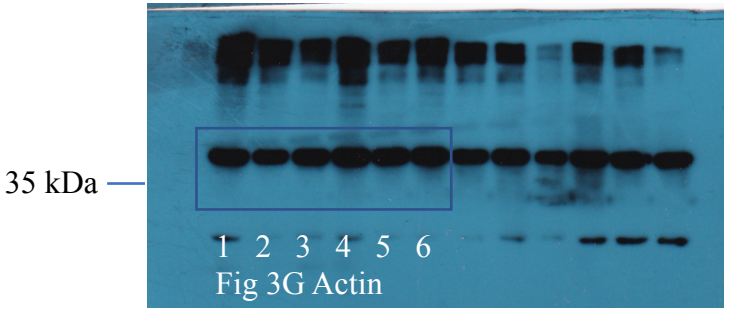


Fig 3G. Actin. The membrane was blotted with a rabbit anti-actin antibody (Bioss). Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (10%).

Figure 4 A-whole cell lysate-Huh7

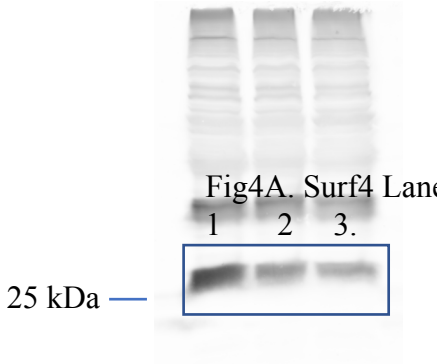


Fig 4A. Huh7 whole cell lysate Surf4. The membrane was blotted with an anti-Surf4 antibody. Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (10%).

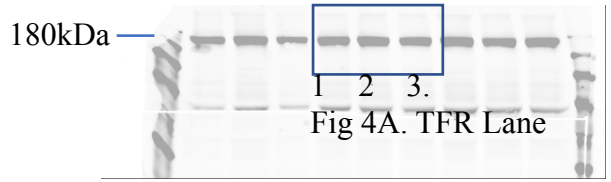


Fig 4A. **Huh7 whole cell lysate TFR**. The membrane was cut into halves. The top part was blotted with a mouse anti-transferrin receptor (TFR) antibody (BD Biosciences). Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (8%).

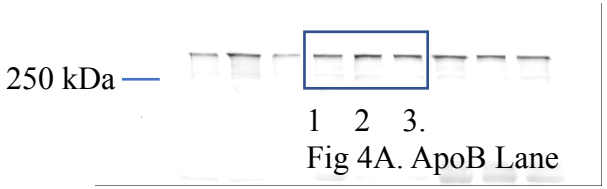


Fig 4A. Huh7 whole cell lysate ApoB. The membrane was cut into halves. The top part was blotted with a goat anti-apoB antibody (Millipore Sigma). Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (6%).

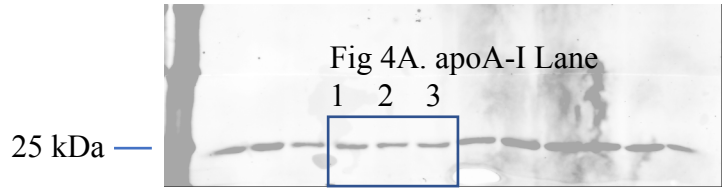


Fig 4A. Huh7 whole cell lysate ApoA-I. The membrane was cut into halves. The bottom part was blotted with a mouse anti-apoA-I antibody (Cell signaling). Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (12%).

Figure 4 A-Culture medium-Huh7

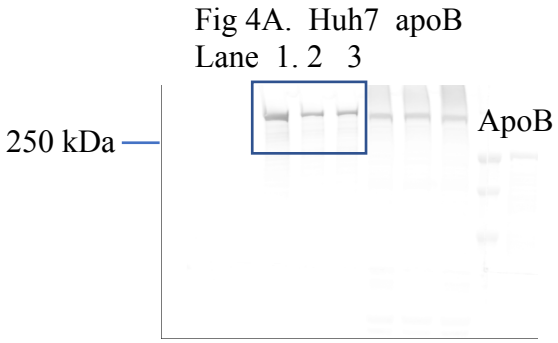


Fig. 4A. Huh7 medium apoB. The membrane was cut into halves. The top part was blotted with a goat-anti apoB antibody (Millipore Sigma). Antibody binding was detected using IRDye®800-labeled donkey anti-goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (6%).

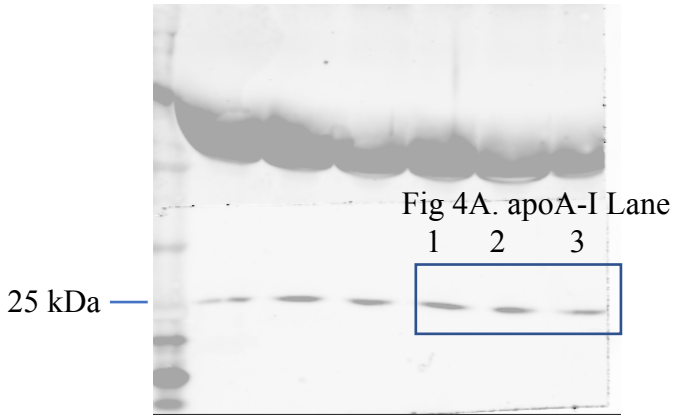


Fig. 4A. Huh7-medium apoA-I. The membrane was cut into halves. The bottom part was blotted with a mouse anti apoA-I antibody (Cell signaling). Antibody binding was detected using IRDye®680-labeled donkey anti-mouse IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (12%).

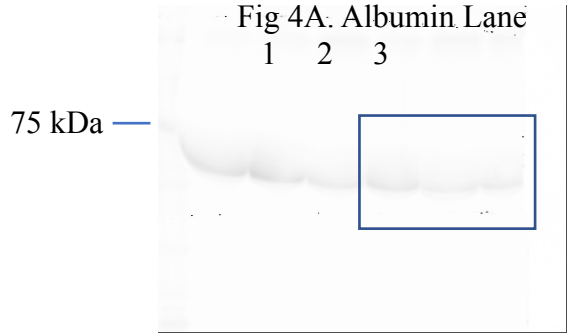


Fig. 4A Huh7 medium albumin. The membrane was cut into halves. The top part was blotted with a rabbit anti-albumin antibody (abcam). Antibody binding was detected using IRDye®680-labeled donkey anti-rabbit IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (12%).

Figure 4 A-whole cell lysate-HepG2

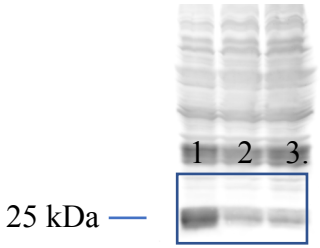


Fig. 4A. HepG2 whole cell lysate Surf4. The membrane was blotted with an anti-Surf4 antibody. Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (10%).

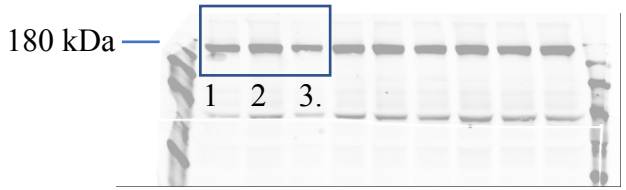


Fig. 4A. HepG2 whole cell lysate TFR. The membrane was cut into halves. The top part was blotted with a mouse anti-transferrin receptor (TFR) antibody (BD Biosciences). Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (8%).

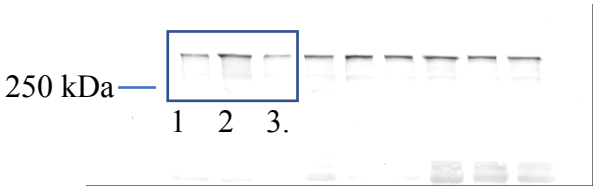


Fig. 4A. HepG2-apoB. The membrane was cut into halves. The top part was blotted with a goat anti-apoB antibody (Millipore Sigma). Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (6%).

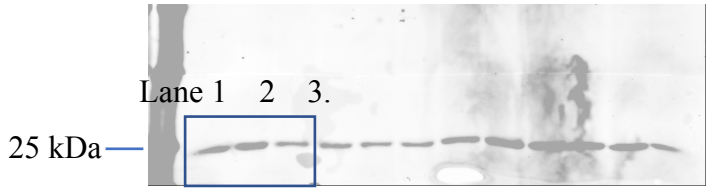


Fig. 4A. HepG2-apoA-I. The membrane was cut into halves. The bottom part was blotted with a mouse anti-apoA-I antibody (Cell signaling). Antibody binding was detected using IRDye®680 or IRDye®800-labeled donkey anti-mouse, rabbit, or goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (12%).

Figure 4 A-Medium-HepG2

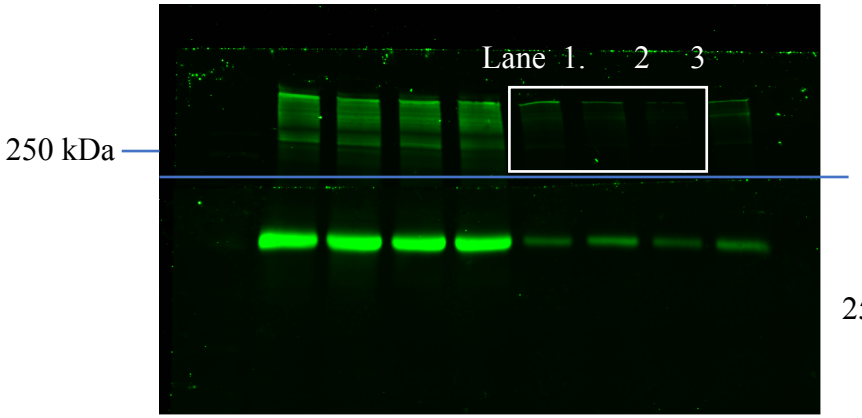


Fig 4A. HepG2 medium apoB. The membrane was cut into halves. The top part was blotted with a goat-anti apoB antibody (Millipore Sigma). Antibody binding was detected using IRDye®800-labeled donkey anti-goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (6%).

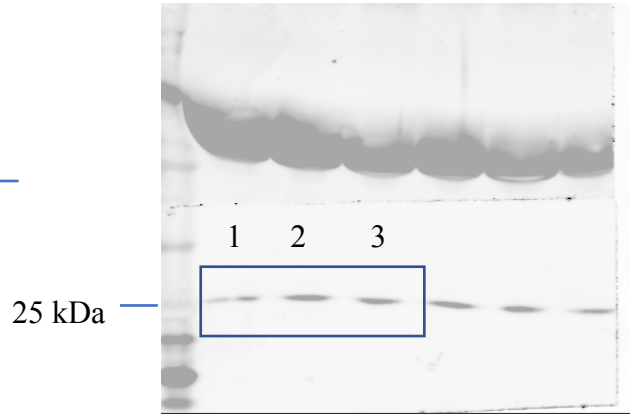


Fig. 4A. HepG2-medium apoA-I. The membrane was cut into halves. The bottom part was blotted with a mouse anti apoA-I antibody (Cell signaling). Antibody binding was detected using IRDye®680-labeled donkey anti-mouse IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (12%).

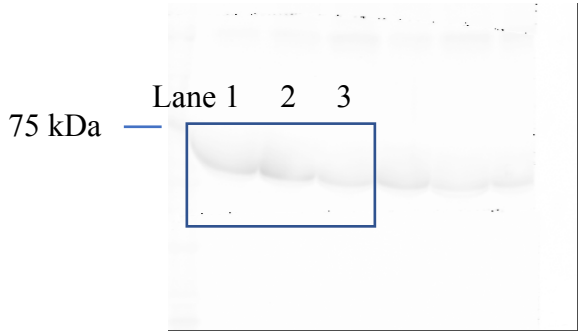


Fig. 4A. HepG2 medium albumin. The membrane was cut into halves. The top part was blotted with a rabbit anti-albumin antibody (abcam). Antibody binding was detected using IRDye®680-labeled donkey anti-rabbit IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor). SDS-PAGE (12%).

Figure 4 D-Huh7

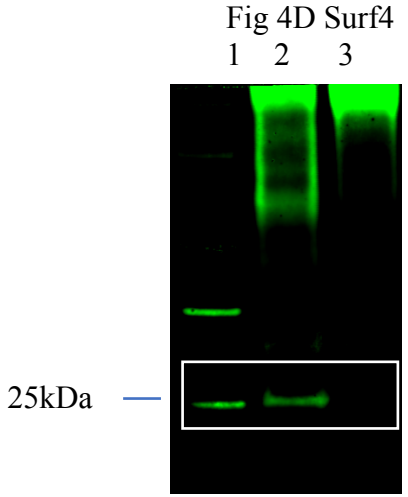


Fig 4D. Surf4. IP samples from Huh7 were subjected to SDS-PAGE (12%).The membrane was blotted with an anti-Surf4 antibody (Green). Antibody binding was detected using IRDye®800-labeled donkey anti-rabbit (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor).

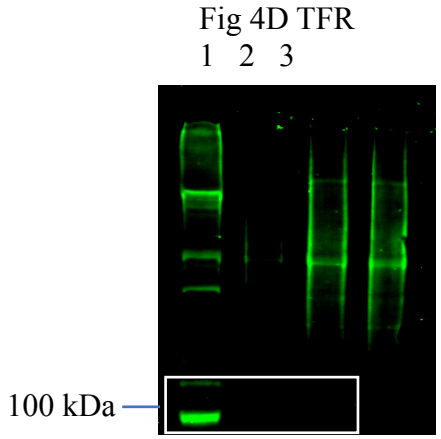


Fig. 4D. Transferrin receptor (TFR). IP samples from Huh7 cells were subjected to SDS-PAGE (4-12 %).The membrane was cut into halves. The top part was blotted with an anti-transferrin receptor antibody (TFR, BD Biosciences). Antibody binding was detected using IRDye®800-labeled donkey anti-mouse IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor).

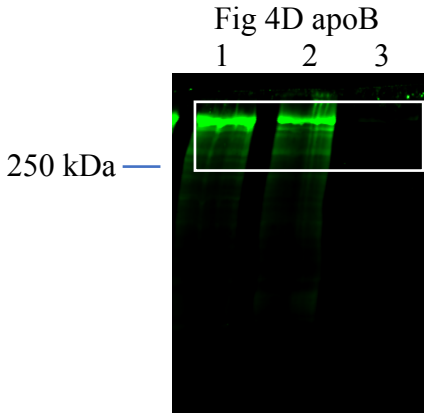


Fig 4D. apoB. IP samples from Huh7 cells were subjected to SDS-PAGE (6%).The membrane was cut into halves. The top part was blotted with a goat anti-apoB antibody (Millipore Sigma). Antibody binding was detected using IRDye®680 labeled donkey anti-goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor).

Figure 4 D-HepG2

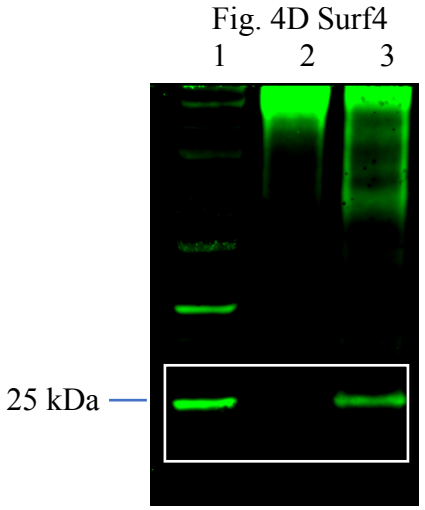


Fig. 4D. Surf4. IP samples from HepG27 were subjected to SDS-PAGE (12%).The membrane was blotted with an anti-Surf4 antibody (Green). Antibody binding was detected using IRDye®800-labeled donkey anti-rabbit (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor).

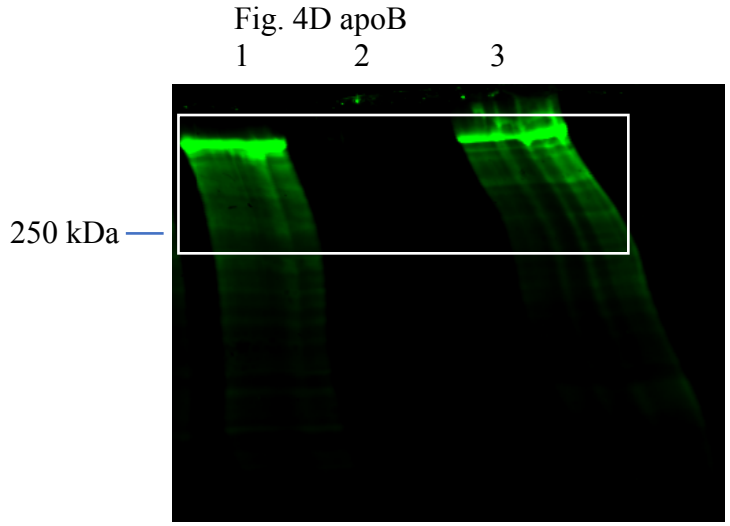


Fig. 4D. apoB. IP samples from HepG2 were subjected to SDS-PAGE (6%).The membrane was cut into halves. The top part was blotted with a goat anti-apoB antibody (Millipore Sigma). Antibody binding was detected using IRDye®680 labeled donkey anti-goat IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor).

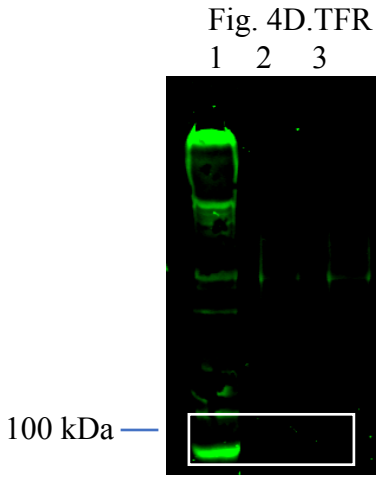


Fig. 4D. Transferrin receptor (TFR). IP samples from HepG2 were subjected to SDS-PAGE (4-12%).The membrane was cut into halves. The top part was blotted with an anti-transferrin receptor antibody (TFR, BD Biosciences). Antibody binding was detected using IRDye®800-labeled donkey anti-mouse IgG (Li-Cor), followed by imaging on a Licor Odyssey Infrared Imaging System (Li-Cor).

Figure 6F

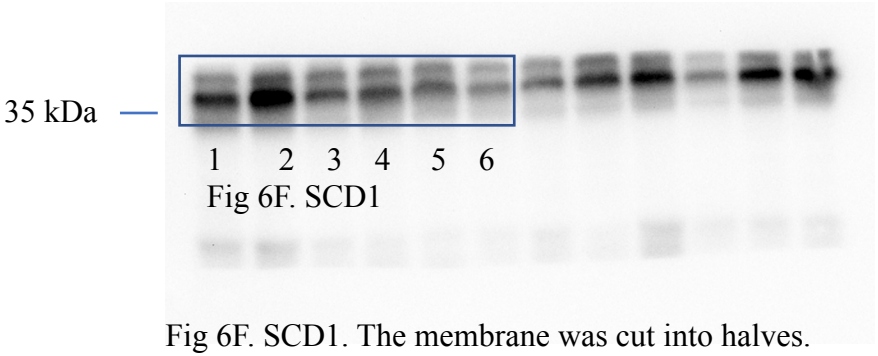


Fig 6F. SCD1. The membrane was cut into halves. The bottom part was blotted with a mouse anti-SCD1 antibody (abcam). Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (10%).

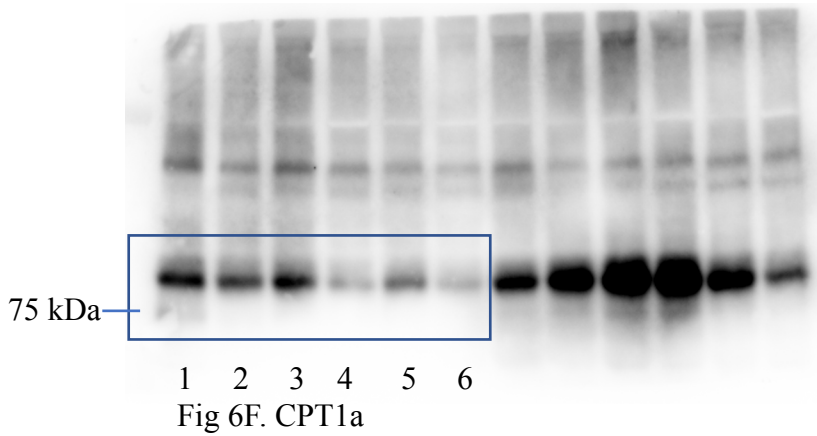


Fig 6F. CPT1a. The membrane was cut into halves. The bottom part was blotted with a mouse anti-CPT1a antibody (abcam). Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (10%).

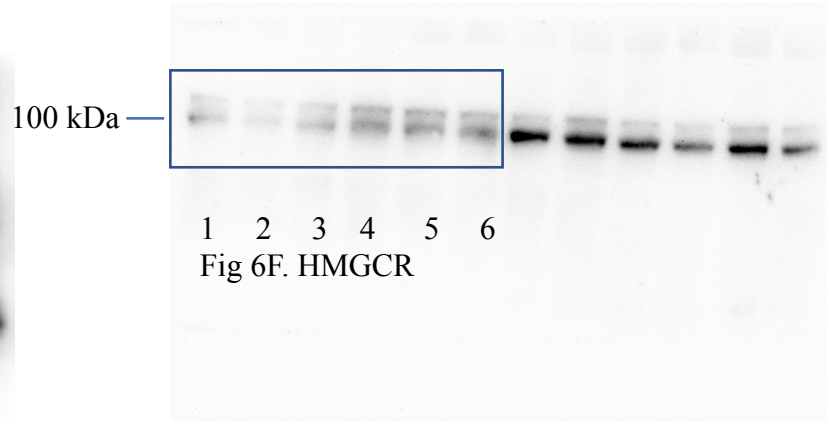


Fig 6F. HMGCR. The membrane was blotted with a rabbit anti-HMGCR antibody (abcam). Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (10%).

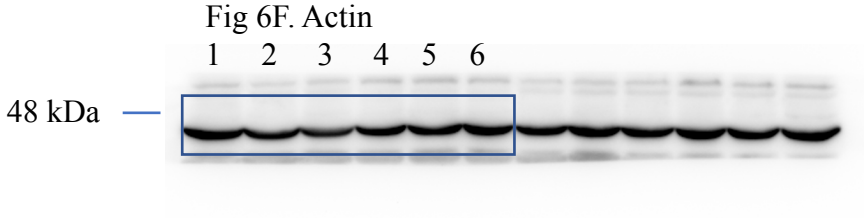


Fig 6F. Actin. The membrane was cut into halves. The bottom part was blotted with a rabbit anti-actin antibody (Bioss). Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (10 %).

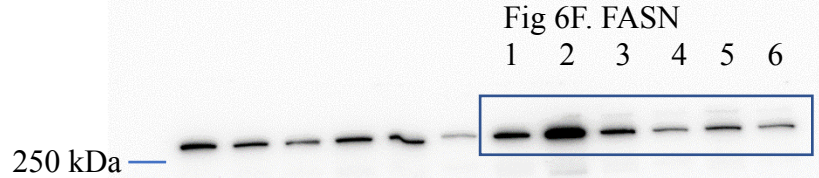


Fig 6F. FASN. The membrane was blotted with an anti-FASN antibody. Antibody binding was detected using HRP-conjugated secondary antibodies. SDS-PAGE (8%).

Figure 7C

Fig 7C. apoB

1 2 3 4 5 6 7 8 9 10 11 12

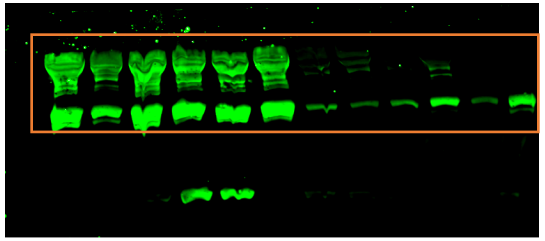


Fig 7C. apoA-I

1 2 3 4 5 6 7 8 9 10 11 12

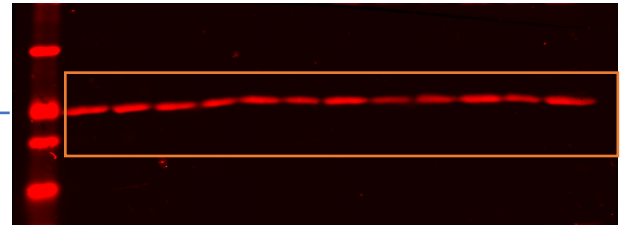
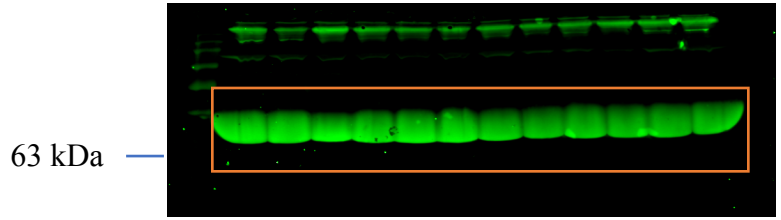


Fig 7C. Albumin

1 2 3 4 5 6 7 8 9 10 11 12



1 2 3 4 5 6

Fig 6C Albumin

Figure 7D

Fig. 7D apoB

1 2 3 4 5 6

250 kDa

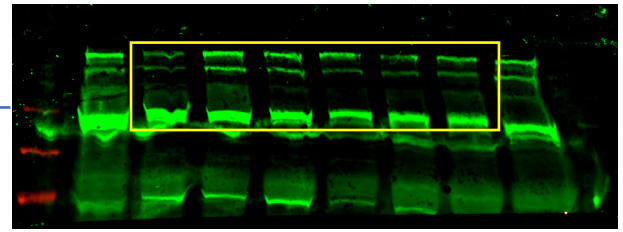


Fig. 7D apoA-I

1 2 3 4 5 6

25 kDa

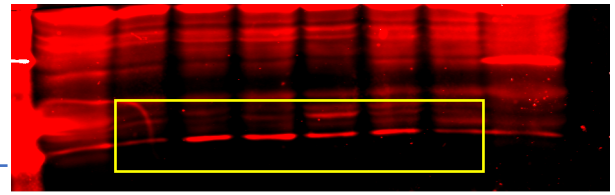


Fig. 7DAlbumin

1 2 3 4 5 6

63 kDa

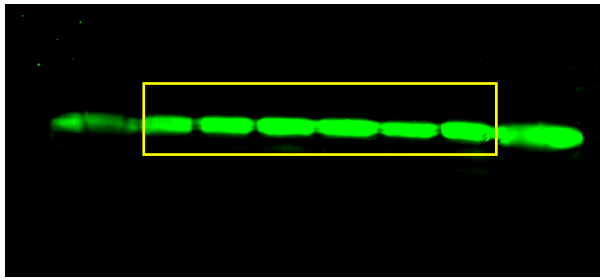


Fig. 7D Calnexin

1 2 3 4 5 6

75 kDa

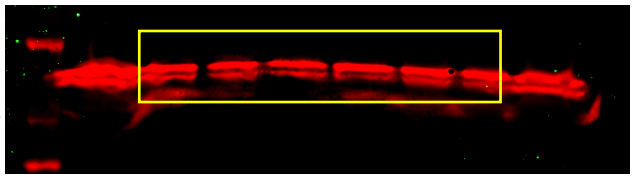
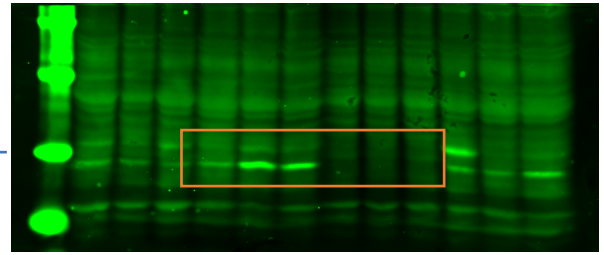


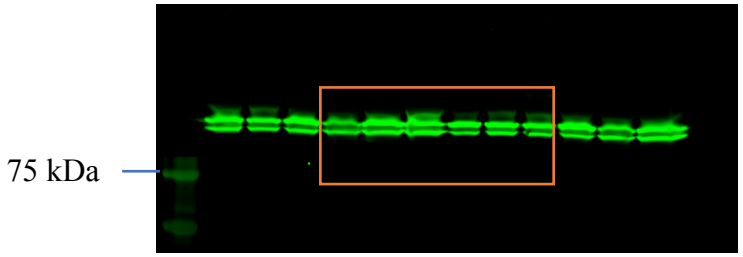
Figure 8F

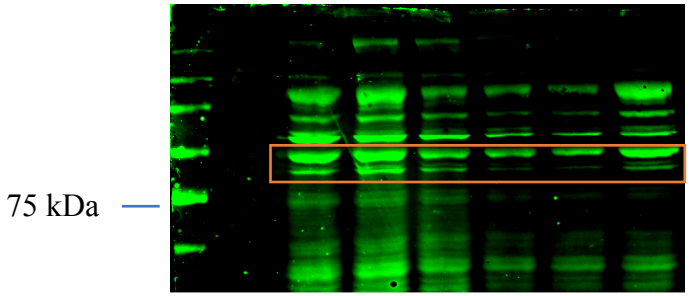


1 2 3 4 5 6

Fig. 8F SCD1

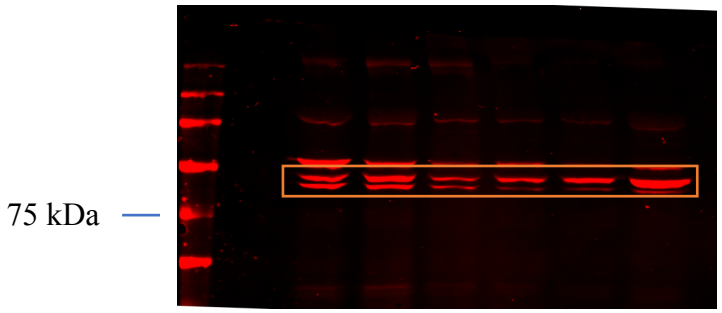
Fig. 8F Calnexin 1 2 3 4 5 6





1 2 3 4 5 6

Fig. 8F CPT1a



1 2 3 4 5 6

Fig. 8F HMGCR