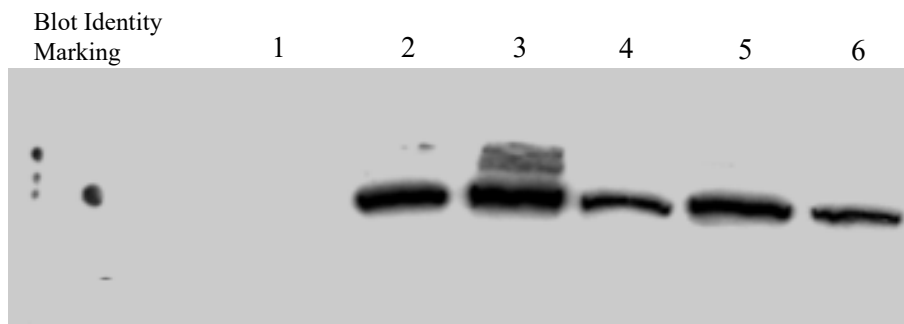


Supplementary A-1

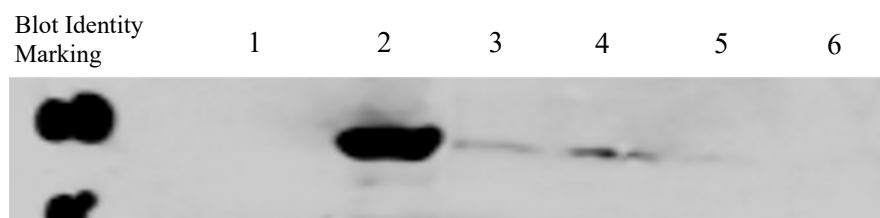
Experiment 1

Similar set of protein samples were loaded to 4 separate gels for each protein target:
Corresponding non-adjusted images of gel blots are available on page 7 and page 8.

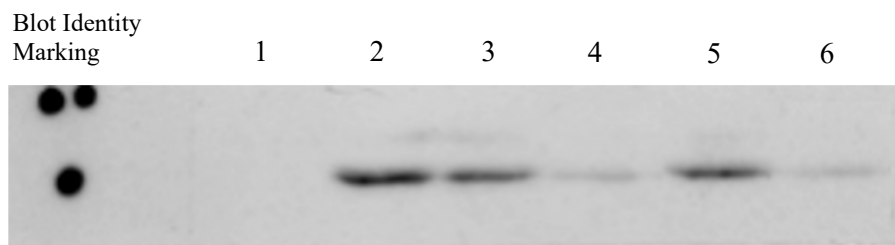
Gel Blot 1 – iNOS (Represented in Figure 8a)



Gel Blot 2 - TNF- α



Gel Blot 3 - IL-1 α



Gel Blot 4 - β -Actin (Represented in Figure 8a)

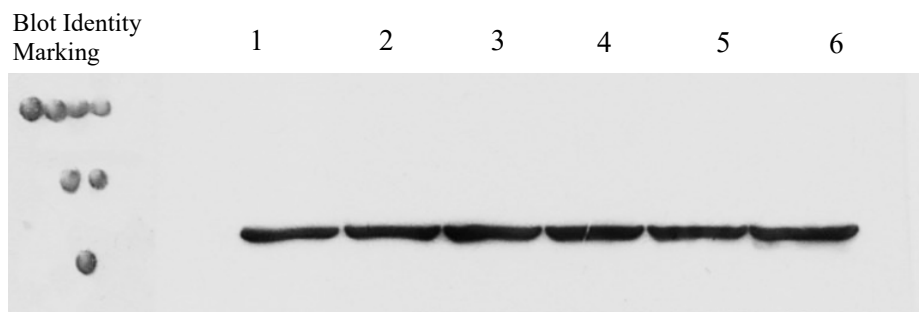


Figure Legend

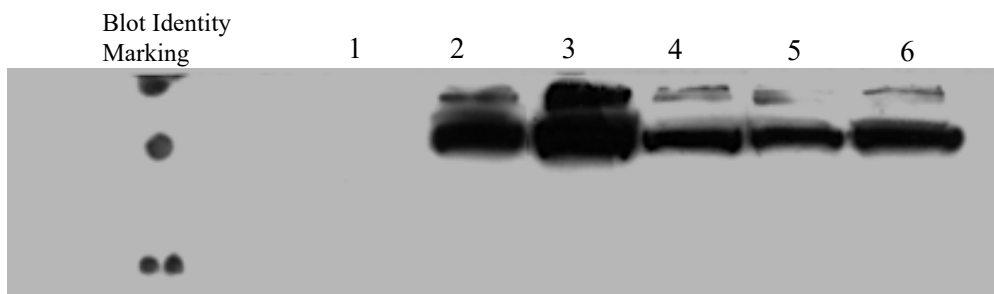
- 1 – 0 $\mu\text{g/mL}$
- 2 – 0 $\mu\text{g/mL}$ + 1 $\mu\text{g/mL}$ LPS
- 3 – 62.5 $\mu\text{g/mL}$ R.RBE + 1 $\mu\text{g/mL}$ LPS
- 4 – 125 $\mu\text{g/mL}$ R.RBE + 1 $\mu\text{g/mL}$ LPS
- 5 – 62.5 $\mu\text{g/mL}$ P.RBE + 1 $\mu\text{g/mL}$ LPS
- 6 – 125 $\mu\text{g/mL}$ P.RBE + 1 $\mu\text{g/mL}$ LPS

Supplementary A-2

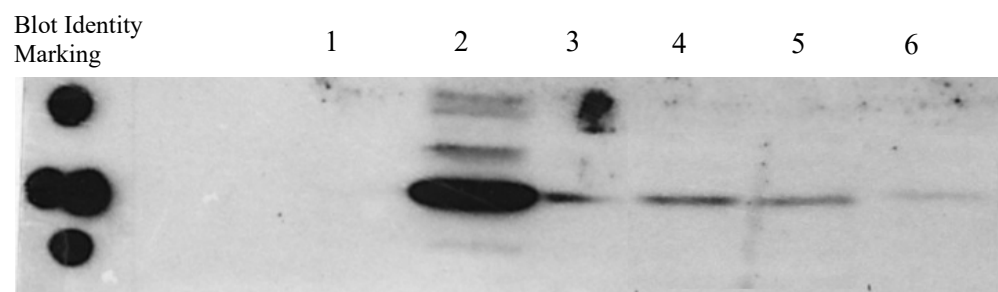
Experiment 2

Similar set of protein samples were loaded to 4 separate gels for each protein target:
Corresponding non-adjusted images of gel blots are available on page 7 and page 8.

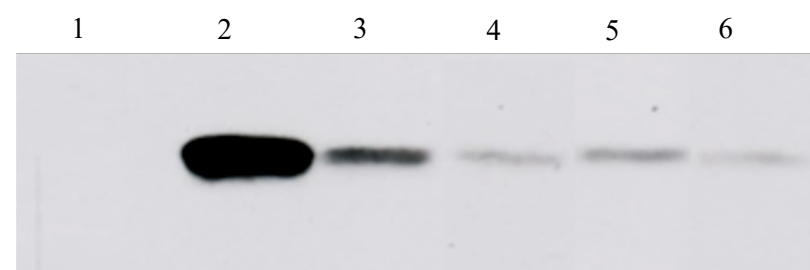
Gel Blot 1 – iNOS



Gel Blot 2 - TNF- α (Represented in Figure 8b)



Gel Blot 3 - IL-6



Gel Blot 4 - β -Actin (Represented in Figure 8b)

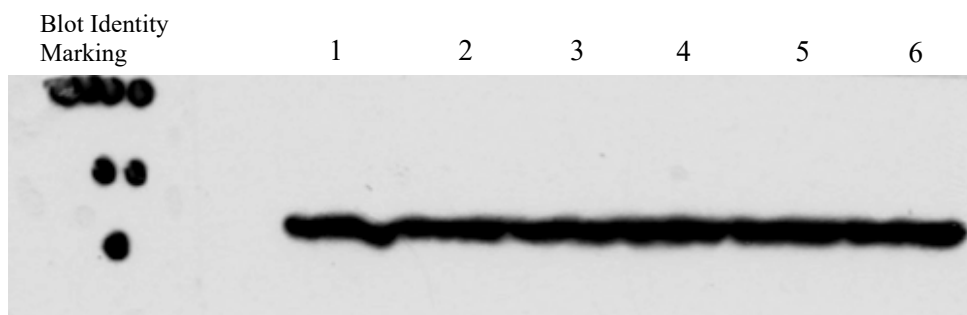


Figure Legend

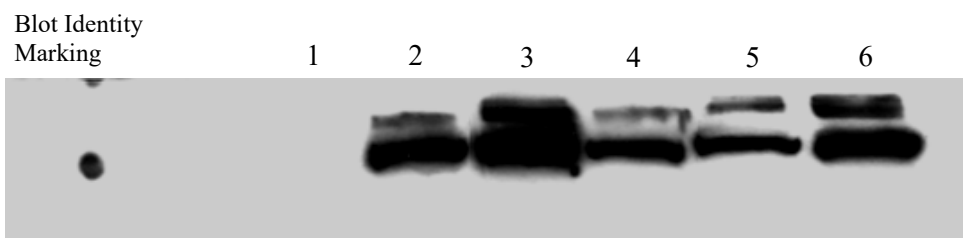
- 1 – 0 $\mu\text{g/mL}$
- 2 – 0 $\mu\text{g/mL}$ + 1 $\mu\text{g/mL}$ LPS
- 3 – 62.5 $\mu\text{g/mL}$ R.RBE + 1 $\mu\text{g/mL}$ LPS
- 4 – 125 $\mu\text{g/mL}$ R.RBE + 1 $\mu\text{g/mL}$ LPS
- 5 – 62.5 $\mu\text{g/mL}$ P.RBE + 1 $\mu\text{g/mL}$ LPS
- 6 – 125 $\mu\text{g/mL}$ P.RBE + 1 $\mu\text{g/mL}$ LPS

Supplementary A-3

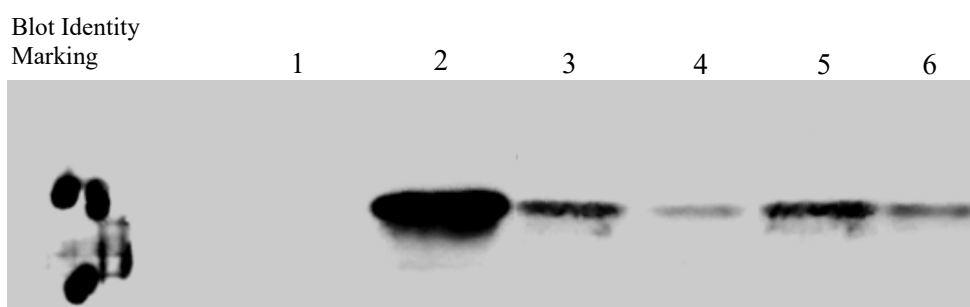
Experiment 3

Similar set of protein samples were loaded to 3 separate gels for each protein target:
Corresponding non-adjusted images of gel blots are available on page 7 and page 8.

Gel Blot 1 – iNOS



Gel Blot 2 - IL-1 α (Represented in Figure 8c)



Gel Blot 3 - β -Actin (Represented in Figure 8c)

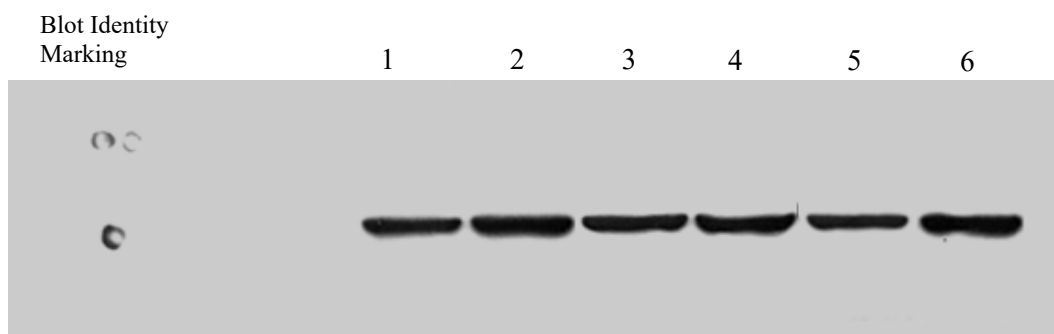


Figure Legend

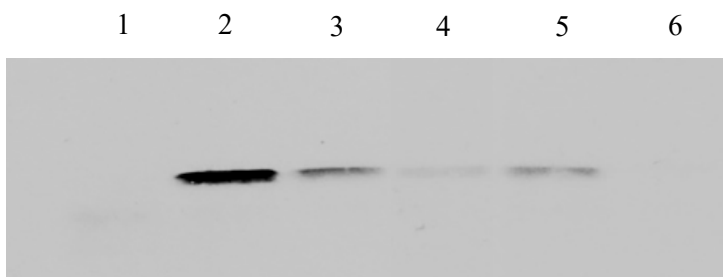
- 1 – 0 $\mu\text{g}/\text{mL}$
- 2 – 0 $\mu\text{g}/\text{mL}$ + 1 $\mu\text{g}/\text{mL}$ LPS
- 3 – 62.5 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 4 – 125 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 5 – 62.5 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 6 – 125 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS

Supplementary A-4

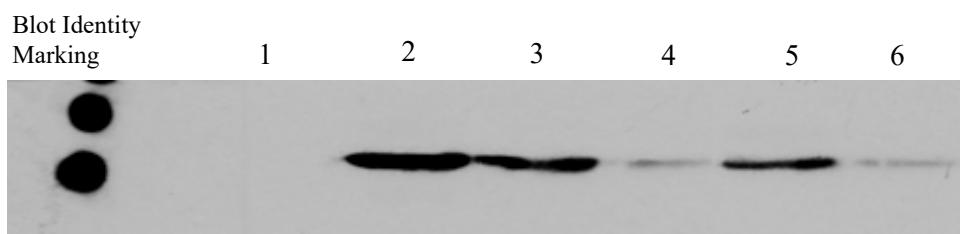
Experiment 4

Similar set of protein samples were loaded to 3 separate gels for each protein target:
Corresponding non-adjusted images of gel blots are available on page 7 and page 8.

Gel Blot 1 – IL-6 (Represented in Figure 8d)



Gel Blot 2 - IL-1 α



Gel Blot 3 - β -Actin (Represented in Figure 8d)

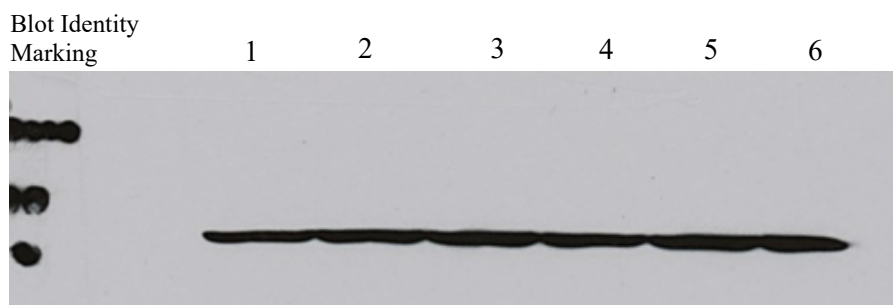


Figure Legend

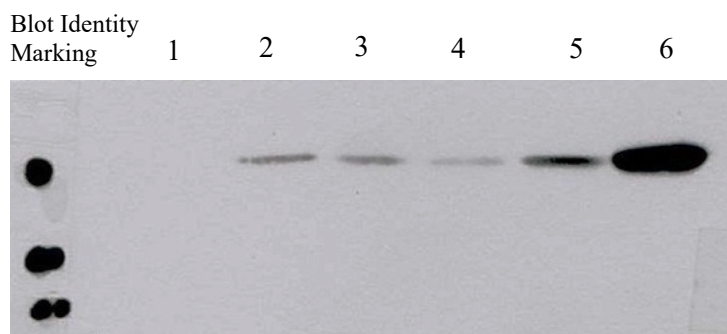
- 1 – 0 $\mu\text{g}/\text{mL}$
- 2 – 0 $\mu\text{g}/\text{mL}$ + 1 $\mu\text{g}/\text{mL}$ LPS
- 3 – 62.5 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 4 – 125 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 5 – 62.5 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 6 – 125 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS

Supplementary A-5

Experiment 5

Similar set of protein samples were loaded to 2 separate gels for each protein target:
Corresponding non-adjusted images of gel blots are available on page 7 and page 8.

Gel Blot 1 – IL-6



Gel Blot 2 - β -Actin

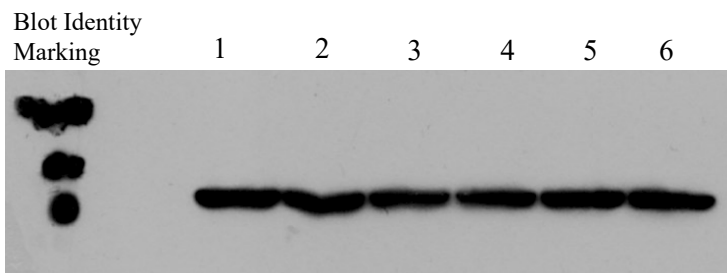


Figure Legend

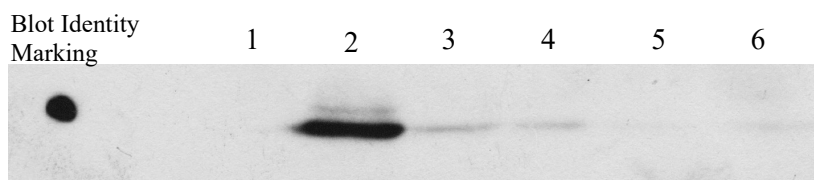
- 1 – 0 $\mu\text{g}/\text{mL}$
- 2 – 125 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 3 – 62.5 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 4 – 125 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 5 – 62.5 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 6 – 0 $\mu\text{g}/\text{mL}$ + 1 $\mu\text{g}/\text{mL}$ LPS

Supplementary A-6

Experiment 6

Similar set of protein samples were loaded to 2 separate gels for each protein target:
Corresponding non-adjusted images of gel blots are available on page 7 and page 8.

Gel Blot 1 – TNF- α



Gel Blot 2 - β -Actin

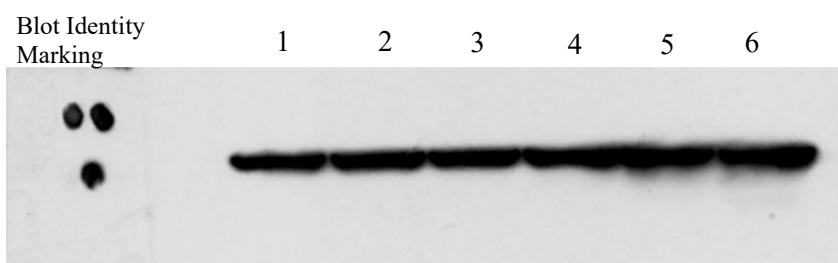


Figure Legend

- 1 – 0 $\mu\text{g}/\text{mL}$
- 2 – 0 $\mu\text{g}/\text{mL}$ + 1 $\mu\text{g}/\text{mL}$ LPS
- 3 – 62.5 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 4 – 125 $\mu\text{g}/\text{mL}$ R.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 5 – 62.5 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS
- 6 – 125 $\mu\text{g}/\text{mL}$ P.RBE + 1 $\mu\text{g}/\text{mL}$ LPS

Gel Blots

Non-adjusted images of gel blots

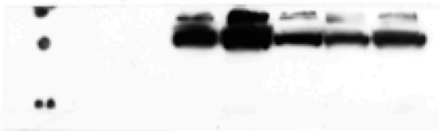
iNOS

Supplementary A-1
Experiment 1 Gel Blot 1



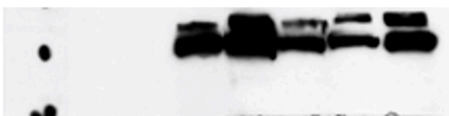
iNOS

Supplementary A-2
Experiment 2 Gel Blot 1



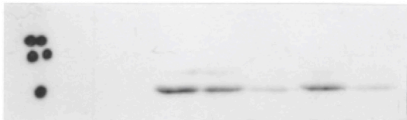
iNOS

Supplementary A-3
Experiment 3 Gel Blot 1



IL-1 α

Supplementary A-1
Experiment 1 Gel Blot 3



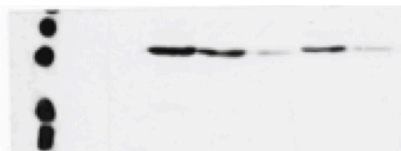
IL-1 α

Supplementary A-3
Experiment 3 Gel Blot 2



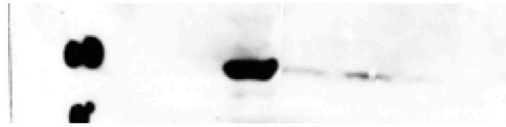
IL-1 α

Supplementary A-4
Experiment 4 Gel Blot 2



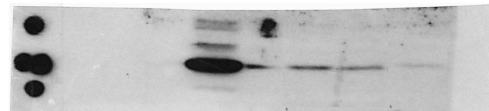
TNF- α

Supplementary A-1
Experiment 1 Gel Blot 2



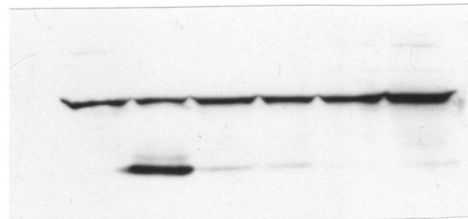
TNF- α

Supplementary A-2
Experiment 2 Gel Blot 2



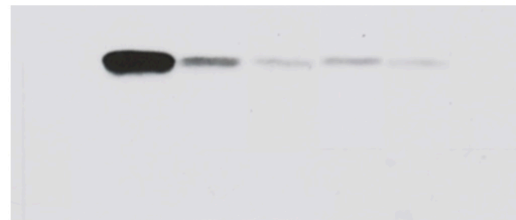
TNF- α

Supplementary A-6
Experiment 6 Gel Blot 1



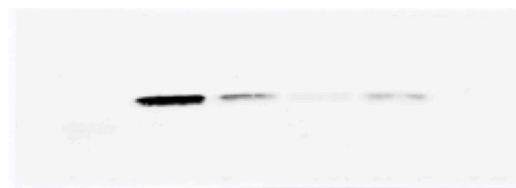
IL-6

Supplementary A-2
Experiment 2 Gel Blot 3



IL-6

Supplementary A-4
Experiment 4 Gel Blot 1



IL-6

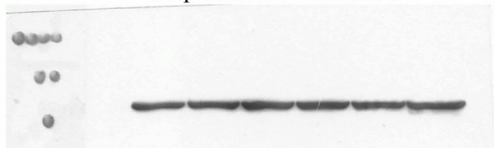
Supplementary A-5
Experiment 5 Gel Blot 1



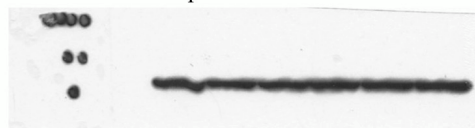
Gel Blots

Non-adjusted images of gel blots

β -Actin Supplementary A-1
Experiment 1 Gel Blot 4



β -Actin Supplementary A-2
Experiment 2 Gel Blot 4



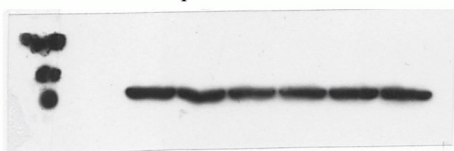
β -Actin Supplementary A-3
Experiment 3 Gel Blot 3



β -Actin Supplementary A-4
Experiment 4 Gel Blot 3



β -Actin Supplementary A-5
Experiment 5 Gel Blot 2



β -Actin Supplementary A-5
Experiment 5 Gel Blot 3

