

Supplementary information

Cystathionine γ -lyase and hydrogen sulfide modulates glucose transporter Glut1 expression via NF- κ B and PI3k/Akt in macrophages during inflammation

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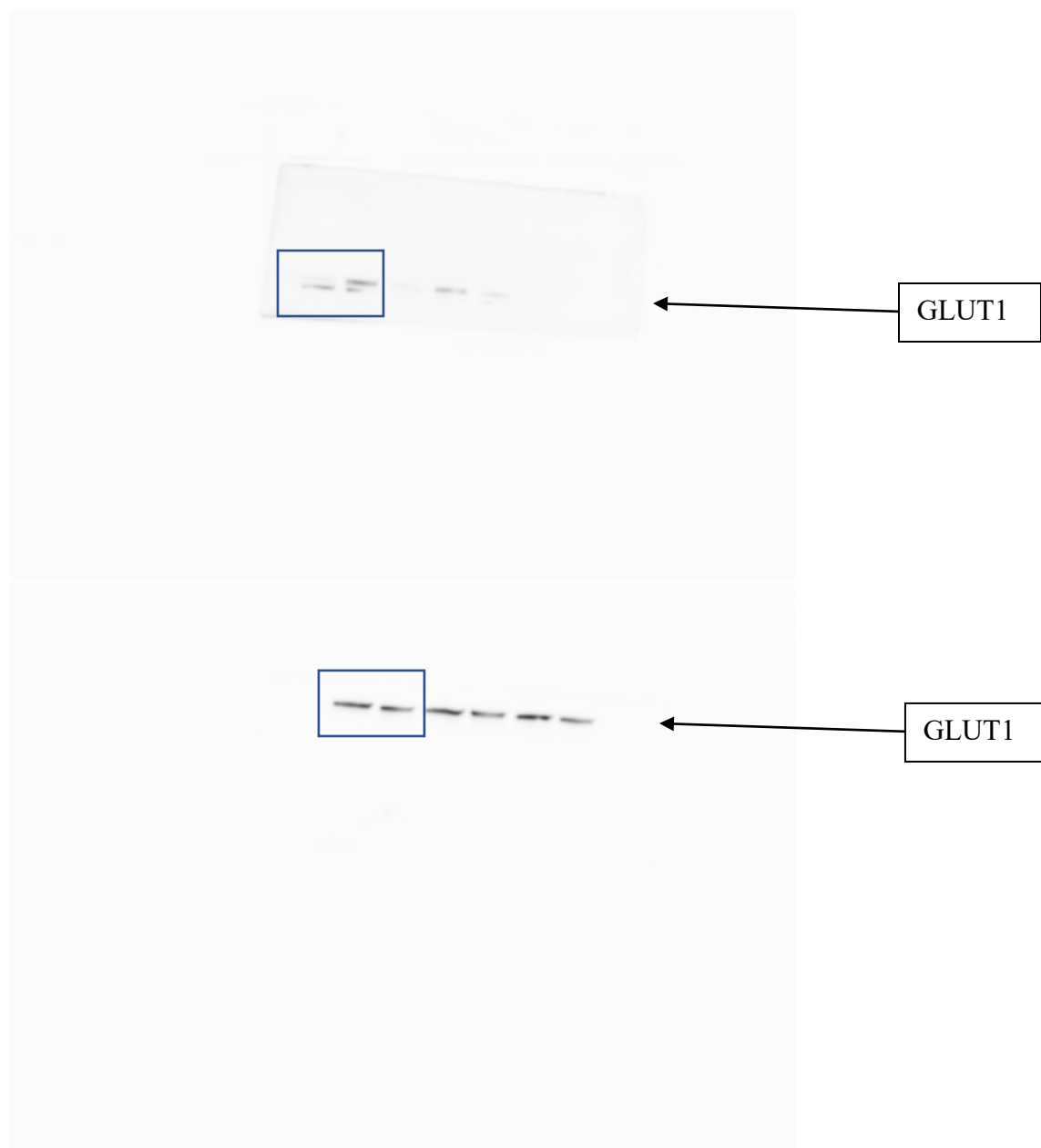


Figure S1. LPS induces Glut1 expression in macrophages. Figure 1b was cropped from the above image.

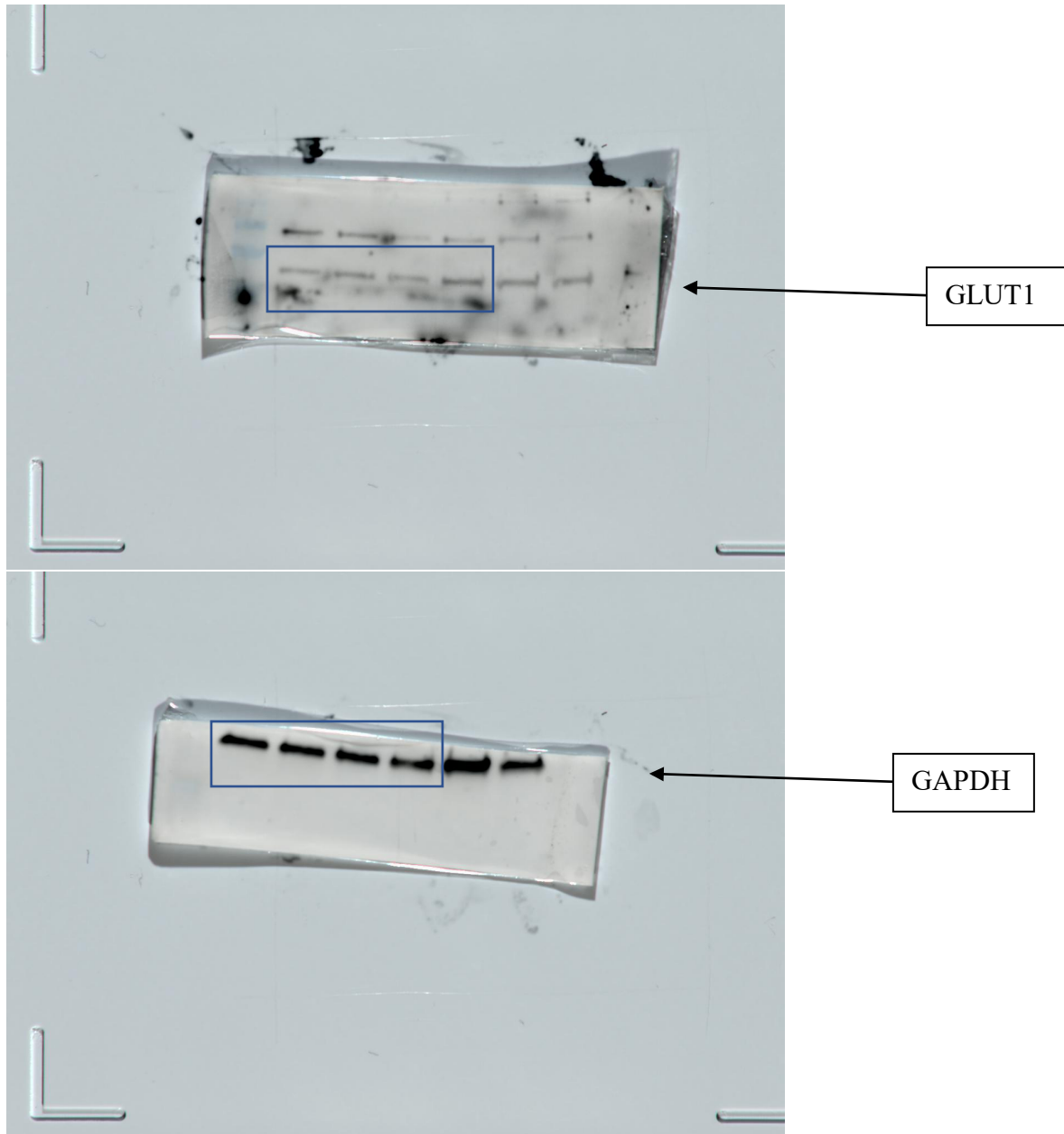


Figure S2. LPS stimulated macrophages genetically silenced of CSE gene to inhibit CSE expression decreased Glut1 expression compared to scramble siRNA control. Figure 3b was cropped from the above image.

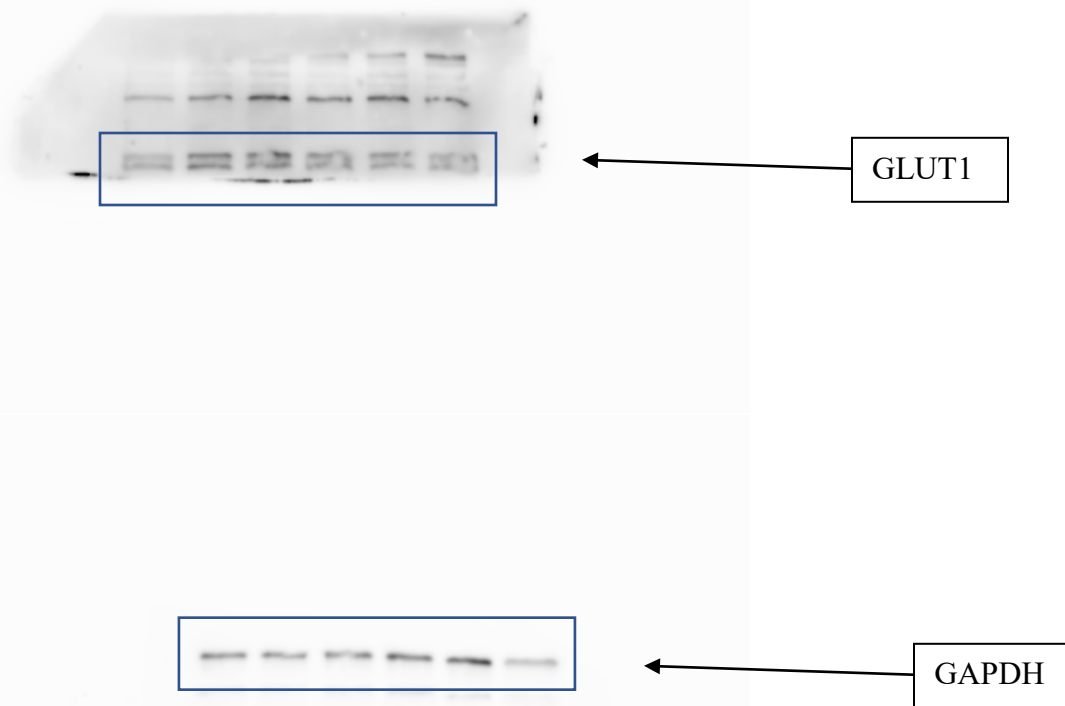


Figure S3. H₂S modulates LPS-induced NF- κ B and Akt activation and decreases LPS-induced Glut1 expression. Figure 4e was cropped from the above image.

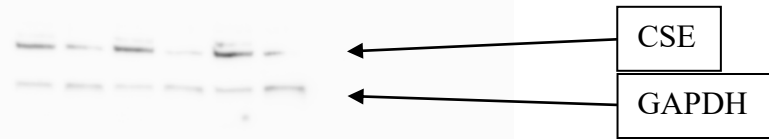


Figure S6. siRNA targeting CSE decreased CSE protein level in LPS-treated RAW264.7 cells. Left to right: siRNA-scramble+LPS, siRNA-CSE+LPS, siRNA-scramble+LPS, siRNA-CSE+LPS, siRNA-scramble+LPS, siRNA-CSE+LPS.