

Tollip (m): 293T Lysate: sc-127686

BACKGROUND

Tollip (toll-interacting protein) serves as a suppressor of innate immunity signaling and links the serine/threonine kinase IRAK to the IL-1 receptor complex upon receptor activation. Overexpression of Tollip in HEK-293 cells inhibits NF κ B activation in response to TLR2 and TLR4 signaling. Negative regulation of TLR signaling by Tollip may limit the production of proinflammatory mediators during inflammation and infection. Tollip forms a complex with Tom1 to regulate endosomal trafficking of ubiquitinated proteins. The Tollip protein shows ubiquitous expression in mouse.

REFERENCES

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7. Katoh, Y., et al. 2006. Recruitment of Clathrin onto endosomes by the Tom1-Tollip complex. *Biochem. Biophys. Res. Commun.* 341: 143-149.
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CHROMOSOMAL LOCATION

Genetic locus: Tollip (mouse) mapping to 7 F5.

PRODUCT

Tollip (m): 293T Lysate represents a lysate of mouse Tollip transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

Tollip (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Tollip antibodies. Recommended use: 10-20 μ l per lane.

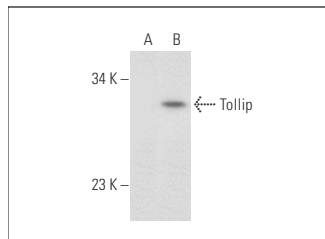
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

Tollip (Kimmy-2): sc-59720 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse Tollip expression in Tollip transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

DATA



Tollip (Kimmy-2): sc-59720. Western blot analysis of Tollip expression in non-transfected: sc-117752 (A) and mouse Tollip transfected: sc-127686 (B) 293T whole cell lysates.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.