

Anti-TOLLIP(Toll-interacting protein) Polyclonal Antibody

Cat. #: 60B785

Description:

The TOLLIP (Toll-interacting protein) is a component of the signaling pathway of IL-1 and Toll-like receptors. Inhibits cell activation by microbial products. It recruits IRAK1 to the IL-1 receptor complex. The TOLLIP inhibits IRAK1 phosphorylation and kinase activity. Upon IL-1 signaling, Tollip binds to the activated IL-1 receptor complex containing IL-1RI, IL-1RacP and the adapter protein MyD88, where it interacts with the TIR domain of IL-1RacP, then triggers IRAK1 autophosphorylation, which in turn leads to the dissociation of IRAK1 from Tollip and IL-1RacP.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human TOLLIP (Toll-interacting protein)

References

Burns,K., et al, Nat. Cell Biol. 2 (6), 346-351 (2000)
Wiemann,S et al, Genome Res. 11 (3), 422-435 (2001)
Zhang,G. and Ghosh,S., J. Biol. Chem. 277 (9), 7059-7065 (2002)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)