

Summary

Production Name	Tollip Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TOLLIP
Alternative Names	TOLLIP; Toll-interacting protein
Gene ID	54472.0
SwissProt ID	Q9H0E2.Synthesized peptide derived from the Internal region of human Tollip.

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	30kD

Background

This gene encodes a ubiquitin-binding protein that interacts with several Toll-like receptor (TLR) signaling cascade components. The encoded protein regulates inflammatory signaling and is involved in interleukin-1 receptor trafficking and

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Catalog #: APRab19118

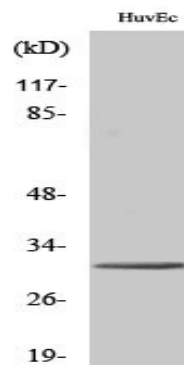


in the turnover of IL1R-associated kinase. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016],function:Component of the signaling pathway of IL-1 and Toll-like receptors. Inhibits cell activation by microbial products. Recruits IRAK1 to the IL-1 receptor complex. Inhibits IRAK1 phosphorylation and kinase activity.,PTM:Phosphorylated by IRAK1 upon stimulation by IL-1 or microbial products.,similarity:Contains 1 CUE domain.,subunit:Oligomerizes. Binds to TLR2 and the TLR4-MD2 complex via its C-terminus. Exists as complex with IRAK1 in unstimulated cells. 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. MyD88 then triggers IRAK1 autophosphorylation, which in turn leads to the dissociation of IRAK1 from Tollip and IL-1RacP. Interacts with TOM1L2.,

Research Area

Toll_Like;

Image Data



Western Blot analysis of various cells using Tollip Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Note

For research use only.