

Tollip Polyclonal Antibody

Catalog No :	YT4695
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	Tollip
Fields :	>>Toll-like receptor signaling pathway
Gene Name :	TOLLIP
Protein Name :	Toll-interacting protein
Human Gene Id :	54472
Human Swiss Prot No :	Q9H0E2
Mouse Swiss Prot No :	Q9QZ06
Immunogen :	Synthesized peptide derived from the Internal region of human Tollip.
Specificity :	Tollip Polyclonal Antibody detects endogenous levels of Tollip protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 30kD

Cell Pathway : Toll_Like;

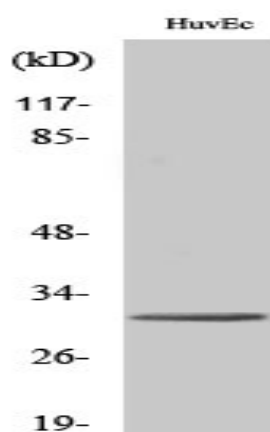
Background : This gene encodes a ubiquitin-binding protein that interacts with several Toll-like receptor (TLR) signaling cascade components. The encoded protein regulates inflammatory signaling and is involved in interleukin-1 receptor trafficking and in the turnover of IL1R-associated kinase. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016],

Function : 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.,

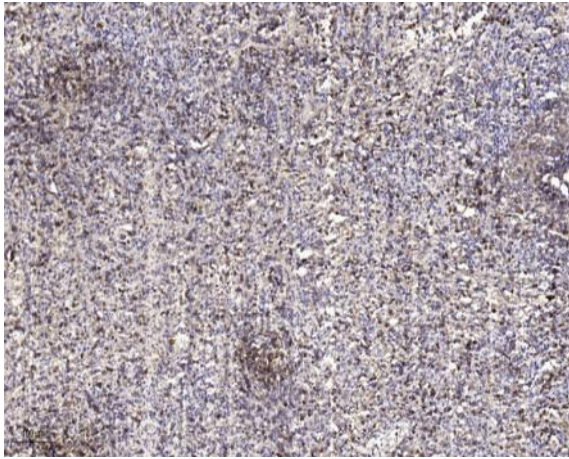
Subcellular Location : Cytoplasm .

Expression : Brain, Eye, Placenta, Testis,

Products Images



Western Blot analysis of various cells using Tollip Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1, primary Antibody was diluted at 1:200 (4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98 °C, 20min). 3, Secondary antibody was diluted at 1:200