

Tollip Polyclonal Antibody

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| 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;

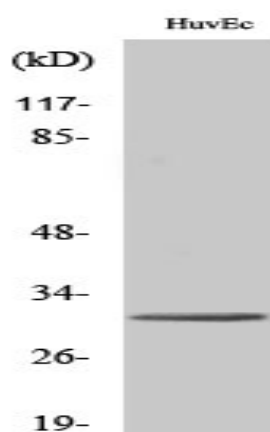
Background : This gene encodes a ubiquitin-binding protein that interacts with several Toll-like receptor (TLR) signaling cascade components. The encoded protein regulates inflammatory signaling and is involved in interleukin-1 receptor trafficking and in the turnover of IL1R-associated kinase. Several 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.,

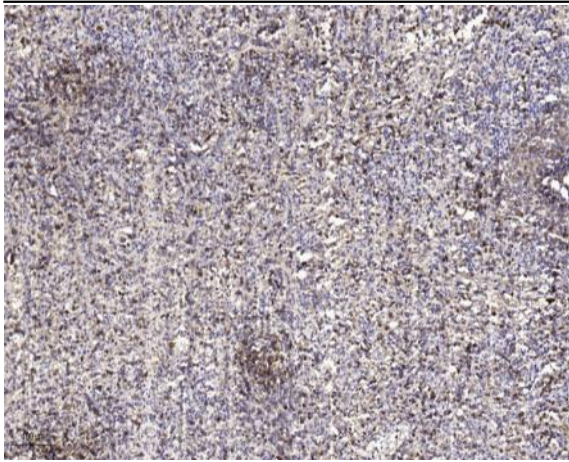
Subcellular Location : Cytoplasm .

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