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Tollip antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10484

Specification

Tollip antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9QZ06
Other Accession	NM_023764, NP_076253
Reactivity	**Human, Mouse, Rat, Zebrafish, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Zebrafish, Pig, Chicken, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**30kDa KDa**

Tollip antibody - N-terminal region - Additional Information

Gene ID 54473

Alias Symbol	**4930403G24Rik, 4931428G15Rik**

Other Names
Toll-interacting protein, Tollip

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Tollip antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Tollip antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Tollip antibody - N-terminal region - Protein Information

Name Tollip

Function
Component of the signaling pathway of IL-1 and Toll-like receptors (By similarity). Inhibits cell activation by microbial products (By similarity). Recruits IRAK1 to the IL-1 receptor complex (By similarity). Inhibits IRAK1 phosphorylation and kinase activity. Connects the ubiquitin pathway to autophagy by functioning as a ubiquitin-ATG8 family adapter and thus mediating autophagic clearance of ubiquitin conjugates (By similarity). The TOLLIP-dependent selective autophagy pathway plays an important role in clearance of cytotoxic polyQ proteins aggregates (By similarity). In a complex with TOM1, recruits ubiquitin-conjugated proteins onto early endosomes

(By similarity). Binds to phosphatidylinositol 3-phosphate (PtdIns(3)P) (By similarity).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q9H0E2}. Endosome {ECO:0000250|UniProtKB:Q9H0E2}. Early endosome {ECO:0000250|UniProtKB:Q9H0E2}. Note=Localized to endo/exosomal vesicles. {ECO:0000250|UniProtKB:Q9H0E2}

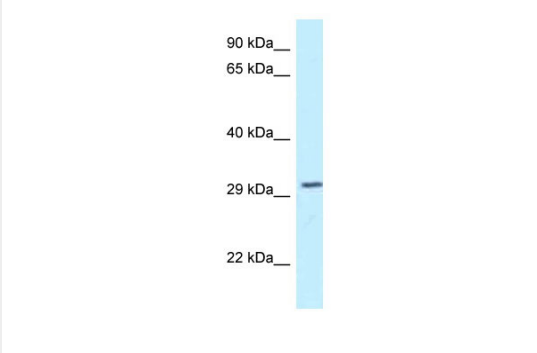
Tissue Location
Detected in heart, brain, spleen, lung, liver, skeletal muscle, kidney, thymus, pancreas and testis

Tollip antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Tollip antibody - N-terminal region - Images



WB Suggested Anti-Tollip Antibody
Titration: 1. µg/ml
Positive Control: Mouse Brain