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Tollip antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10484

Product Information

Application	WB
Primary Accession	Q9QZ06
Other Accession	NM_023764, NP_076253
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30345

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.

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

Images

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.