

Tollip antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10484

Product Information

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| 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

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| 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

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| 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). |

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| 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'.