

TOLLIP Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11733**Specification**

TOLLIP Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O9H0E2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30kDa KDa

TOLLIP Antibody (Internal) - Additional Information**Gene ID** 54472**Other Names**

Toll-interacting protein, TOLLIP

Target/Specificity

16 amino acid peptide from near the center of human TOLLIP

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TOLLIP Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TOLLIP Antibody (Internal) - Protein Information**Name** TOLLIP**Function**

Component of the signaling pathway of IL-1 and Toll-like receptors (PubMed:10854325, PubMed:11751856). Inhibits cell activation by microbial products. Recruits IRAK1 to the IL-1 receptor complex (PubMed:10854325). Inhibits IRAK1 phosphorylation and kinase activity (PubMed:11751856). Connects the ubiquitin pathway to autophagy by functioning as a ubiquitin-ATG8 family adapter and thus mediating autophagic clearance of ubiquitin conjugates (PubMed:25042851). The TOLLIP-dependent selective autophagy pathway plays an important role in clearance of cytotoxic polyQ proteins aggregates (PubMed:25042851). In a complex with TOM1, recruits ubiquitin-conjugated proteins

onto early endosomes (PubMed:15047686). Binds to phosphatidylinositol 3-phosphate (PtdIns(3)P) (PubMed:26320582).

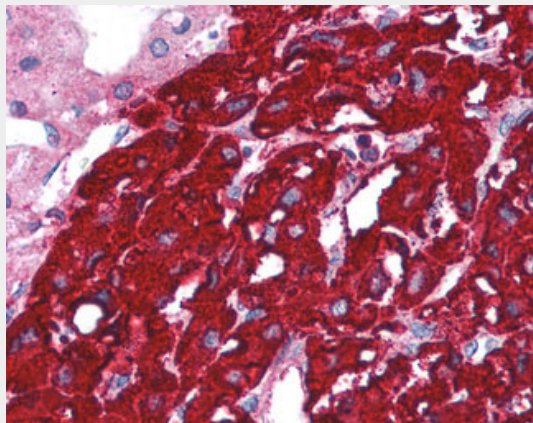
Cellular Location

Cytoplasm. Endosome. Early endosome Note=Localized to endo/exosomal vesicles

TOLLIP Antibody (Internal) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TOLLIP Antibody (Internal) - Images

Anti-TOLLIP antibody IHC of human adrenal.

TOLLIP Antibody (Internal) - Background

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 (PubMed:11751856). Connects the ubiquitin pathway to autophagy by functioning as a ubiquitin- ATG8 family adapter and thus mediating autophagic clearance of ubiquitin conjugates. The TOLLIP-dependent selective autophagy pathway plays an important role in clearance of cytotoxic polyQ proteins aggregates (PubMed:25042851).

TOLLIP Antibody (Internal) - References

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Wiemann S.,et al.Genome Res. 11:422-435(2001).
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Zhang G.,et al.J. Biol. Chem. 277:7059-7065(2002).

