

RILP antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15068**Specification**

RILP antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O96NA2
Other Accession	NM_031430 , NP_113618
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa

RILP antibody - C-terminal region - Additional Information**Gene ID** 83547**Alias Symbol** **FLJ31193, PP10141****Other Names**

Rab-interacting lysosomal protein, RILP

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-RILP 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

RILP antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RILP antibody - C-terminal region - Protein Information**Name** RILP**Function**

Rab effector playing a role in late endocytic transport to degradative compartments (PubMed:11696325, PubMed:14668488, PubMed:27113757, PubMed:11179213, PubMed:12944476). Involved in the regulation of lysosomal morphology and distribution (PubMed:14668488, PubMed:27113757). Induces

recruitment of dynein-dynactin motor complexes to Rab7A-containing late endosome and lysosome compartments (PubMed:11179213, PubMed:11696325). Promotes centripetal migration of phagosomes and the fusion of phagosomes with the late endosomes and lysosomes (PubMed:12944476).

Cellular Location

Late endosome membrane. Lysosome membrane. Cytoplasmic vesicle, phagosome membrane.
Note=Associated with late endosomal, lysosomal and phagosomal membranes. The interaction with RAB7A is necessary for its recruitment to phagosomes

Tissue Location

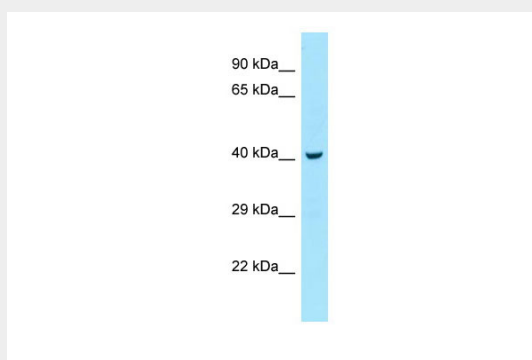
Ubiquitous. Strongly expressed in fetal heart, heart, stomach, spleen, adrenal gland, thyroid gland, salivary gland, fetal liver, liver and lung. Poorly expressed in brain

RILP antibody - C-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 Cytometry](#)
- [Cell Culture](#)

RILP antibody - C-terminal region - Images



WB Suggested Anti-RILP Antibody Titration: 1.0 µg/ml
Positive Control: NCI-H226 Whole Cell

RILP antibody - C-terminal region - References

Cantalupo G.,et al.EMBO J. 20:683-693(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Frigimelica E.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.
Bucci C.,et al.Biochem. Biophys. Res. Commun. 286:815-819(2001).