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RILP antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15068

Product Information

Application	WB
Primary Accession	Q96NA2
Other Accession	NM_031430, NP_113618
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44200

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.

Protein Information

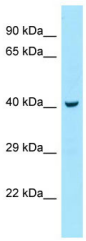
Name	RILP
Function	Rab effector playing a role in late endocytic transport to degradative compartments (PubMed:11179213, PubMed:11696325, PubMed:12944476, PubMed:14668488, PubMed:27113757). Involved in the regulation of lysosomal morphology and distribution (PubMed:14668488, PubMed:27113757). Induces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

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).

Images



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

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