

RILP Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS15612**Specification**

RILP Antibody (Internal) - Product Information

Application	IHC, ICC, IF, WB
Primary Accession	Q96NA2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa

RILP Antibody (Internal) - Additional Information**Gene ID** 83547**Other Names**

Rab-interacting lysosomal protein, RILP

Target/Specificity

Human RILP.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

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

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

Rab effector playing a role in late endocytic transport to degradative compartments (PubMed: [11696325](http://www.uniprot.org/citations/11696325), PubMed: [14668488](http://www.uniprot.org/citations/14668488), PubMed: [27113757](http://www.uniprot.org/citations/27113757), PubMed: [11179213](http://www.uniprot.org/citations/11179213), PubMed: [12944476](http://www.uniprot.org/citations/12944476)). Involved in the regulation of lysosomal morphology and distribution (PubMed: [14668488](http://www.uniprot.org/citations/14668488), PubMed: [27113757](http://www.uniprot.org/citations/27113757)). Induces recruitment of dynein-dynactin motor complexes to Rab7A-containing late endosome and lysosome compartments (PubMed: [11179213](http://www.uniprot.org/citations/11179213), PubMed: [11696325](http://www.uniprot.org/citations/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

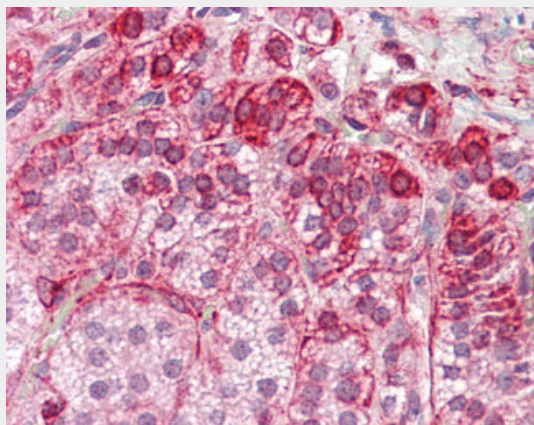
Ubiquitous. Strongly expressed in fetal heart, heart, stomach, spleen, adrenal gland, thyroid gland, salivary gland, fetal liver, liver and lung. Poorly expressed in brain

RILP Antibody (Internal) - Protocols

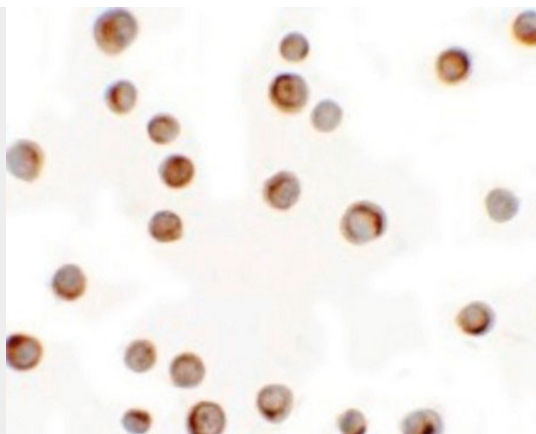
Provided below are standard protocols that you may find useful for product applications.

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

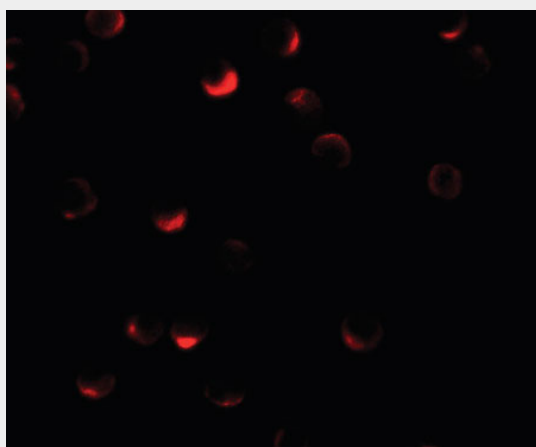
RILP Antibody (Internal) - Images



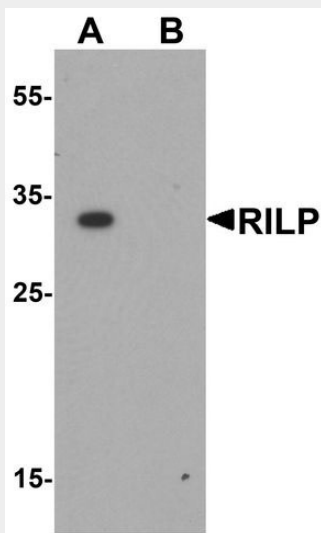
Anti-RILP antibody IHC staining of human adrenal.



Immunocytochemistry of RILP in HeLa cells with RILP antibody at 2.5 ug/ml.



Immunofluorescence of RILP in HeLa cells with RILP antibody at 20 ug/ml.



Western blot analysis of RILP in A20 cell lysate with RILP antibody at 1 ug/ml.

RILP Antibody (Internal) - Background

Rab effector playing a role in late endocytic transport to degradative compartments. Involved in the regulation of lysosomal morphology and distribution. Induces recruitment of dynein-dynactin motor complexes to Rab7A-containing late endosome and lysosome compartments. Promotes centripetal migration of phagosomes and the fusion of phagosomes with the late endosomes and

lysosomes.

RILP Antibody (Internal) - 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).