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Datasheet for 600-401-DZ6

RILP Antibody

Overview

Description:	Anti-RILP (RABBIT) Antibody - 600-401-DZ6
Item No.:	600-401-DZ6
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	The Rab interacting lysosomal protein (RILP) is lysosomal protein that interacts with RAB7, a small GTPase that controls transport to endocytic degradative compartments. It is thought that RILP is a downstream effector of RAB7 and both proteins act together in the regulation of late endocytic traffic. Overexpression of RILP caused enlarged lysosomes that are more centrally located in the cell suggesting that RILP may also be involved in the regulation of lysosomal morphology. Other evidence suggests that RILP may play a role in the biogenesis of multivesicular bodies.
Synonyms:	RILP Antibody, PP10141, Rab-interacting lysosomal protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	RILP
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-RILP antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the internal region of human RILP.

Purity/Specificity:	Anti-RILP Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with RILP from other sources has not been determined.
Relevant Links:	• UniProtKB - Q96NA2 • GeneID - 83547 • NCBI - NP_113618

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-RILP Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 44 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	2.5 µg/mL
WB:	1 µg/mL

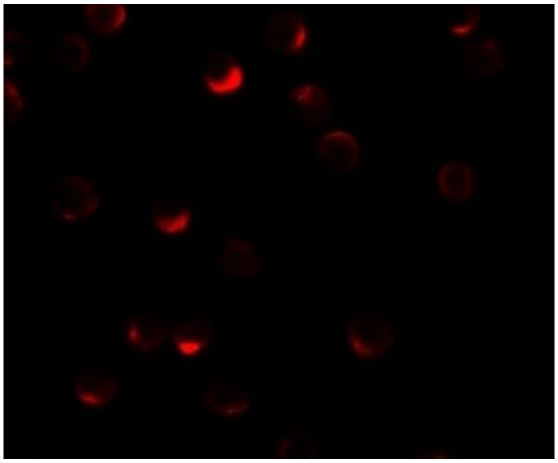
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/ml by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

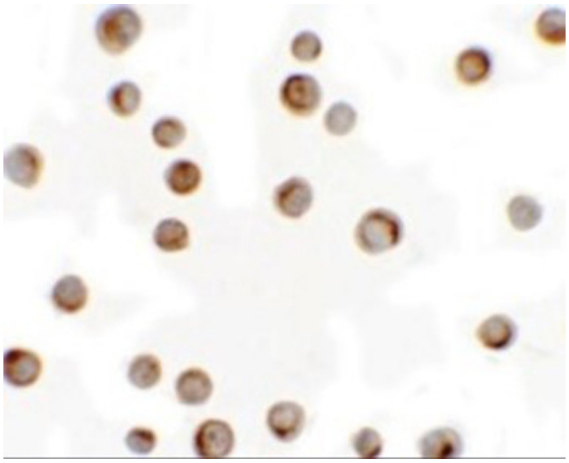
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

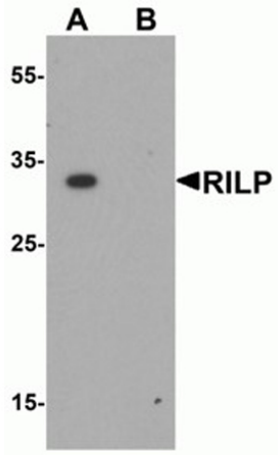
Images



Immunofluorescence Microscopy
Immunofluorescence of RILP.
Cell: HeLa cells.
Primary Antibody: RILP antibody at 20 µg/mL.



Immunocytochemistry
Immunocytochemistry of RILP.
Cell: HeLa cells.
Primary Antibody: RILP antibody at 2.5 µg/mL.



Western Blot
Western blot analysis of RILP.
Load: A20 cell lysate.
Primary Antibody: RILP antibody at 1 µg/mL.

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Disclaimer

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