Immunotag™ RILP Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1135
Product Description	Immunotag™ RILP Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RILP
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Specificity	RILP Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	RILP PP10141
Accession No.	Q96NA2 Q5ND29
Description	Rab interacting lysosomal protein(RILP) Homo sapiens This gene encodes a lysosomal protein that interacts with RAB7, a small GTPase that controls transport to endocytic degradative compartments. Studies using mutant forms of the two proteins suggest that this protein represents a downstream effector for RAB7, and both proteins act together in the regulation of late endocytic traffic. A unique region of this protein has also been shown to be involved in the regulation of lysosomal morphology. [provided by RefSeq, Sep 2011],

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Protein Expression	Brain,Cervix carcinoma,Kidney,Lung,Skeletal muscle,Testis,Thalamus,Uterus,
Subcellular Localization	mitochondrion,lysosome,lysosomal membrane,late endosome,cytosol,phagocytic vesicle membrane,late endosome membrane,ciliary basal body,protein complex,
Protein Function	function: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 Rab7-containing late endosome and lysosome compartments. Promotes centripetal migration of phagosomes and the fusion of phagosomes with the late endosomes and lysosomes.,similarity:Contains 1 RILP-like domain.,subcellular location:Associated with late endosomal, lysosomal and phagosomal membranes. The interaction with RAB7 is necessary for its recruitment to phagosomes.,subunit:Homodimer. Each subunit can interact with either RAB7 or RAB34.,tissue specificity:Ubiquitous. Strongly expressed in fetal heart, heart, stomach, spleen, adrenal gland, thyroid gland, salivary gland, fetal liver, liver and lung. Poorly expressed in brain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.