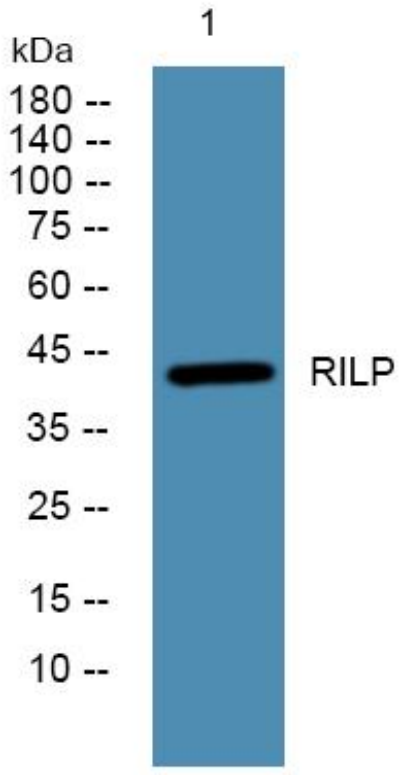
RILP Monoclonal Antibody

Catalog No	YP-mAb-06006
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RILP PP10141
Protein Name	Rab-interacting lysosomal protein
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Specificity	RILP Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	44kD
Cell Pathway	Late endosome membrane . Lysosome membrane . Cytoplasmic vesicle, phagosome membrane . Associated with late endosomal, lysosomal and phagosomal membranes. The interaction with RAB7A is necessary for its recruitment to phagosomes. .
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.
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.,

Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using RILP Monoclonal Antibody