

RILPL1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10297b**Specification**

RILPL1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O5EBL4](#)
Other Accession [NP_847884.2](#)

RILPL1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 353116

Other Names

RILP-like protein 1, Rab-interacting lysosomal-like protein 1, RILPL1, RLP1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RILPL1 Antibody (C-term) Blocking peptide - Protein Information

Name RILPL1

Synonyms RLP1

Function

Plays a role in the regulation of cell shape and polarity (By similarity). Plays a role in cellular protein transport, including protein transport away from primary cilia (By similarity). Neuroprotective protein, which acts by sequestering GAPDH in the cytosol and prevent the apoptotic function of GAPDH in the nucleus (By similarity). Competes with SIAH1 for binding GAPDH (By similarity). Does not regulate lysosomal morphology and distribution (PubMed:14668488). Binds to RAB10 following LRRK2-mediated RAB10 phosphorylation which leads to inhibition of ciliogenesis (PubMed:30398148).

Cellular Location

Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole
Cytoplasm, cytoskeleton, cilium basal body

Tissue Location

Widely expressed. Expressed at lower level in liver and kidney.

RILPL1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RILPL1 Antibody (C-term) Blocking peptide - Images**RILPL1 Antibody (C-term) Blocking peptide - References**

Wang, T., et al. Mol. Biol. Cell 15(2):815-826(2004)