

# RILPL1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10297b

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q5EBL4</a>
<b>Other Accession</b>	<a href="#">Q0IHE5</a> , <a href="#">Q9JJC6</a> , <a href="#">Q17QG3</a> , <a href="#">NP_847884.2</a>
<b>Reactivity</b>	Human, Mouse
<b>Predicted</b>	Bovine, Xenopus
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB27803
<b>Calculated MW</b>	47108
<b>Antigen Region</b>	337-366

## Additional Information

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<b>Gene ID</b>	353116
<b>Other Names</b>	RILP-like protein 1, Rab-interacting lysosomal-like protein 1, RILPL1, RLP1
<b>Target/Specificity</b>	This RILPL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 337-366 amino acids from the C-terminal region of human RILPL1.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	RILPL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	RILPL1
<b>Synonyms</b>	RLP1
<b>Function</b>	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.

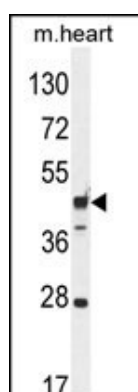
## References

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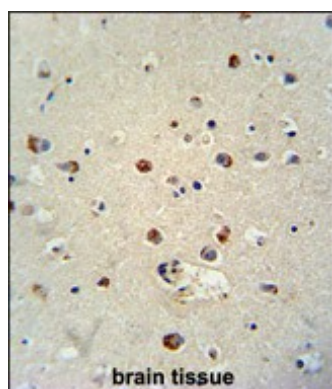
Wang, T., et al. Mol. Biol. Cell 15(2):815-826(2004)

## Images

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RILPL1 Antibody (C-term) (Cat. #AP10297b) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the RILPL1 antibody detected the RILPL1 protein (arrow).



RILPL1 antibody (C-term) (Cat. #AP10297b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RILPL1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.