

RGP1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15172**Specification**

RGP1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q92546
Other Accession	NM_001080496 , NP_001073965
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

RGP1 antibody - C-terminal region - Additional Information**Gene ID 9827**Alias Symbol **KIAA0258****Other Names**

RAB6A-GEF complex partner protein 2, Retrograde Golgi transport protein RGP1 homolog, RGP1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=21965)
target="_blank">HGNC:21965), KIAA0258

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RGP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

RGP1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RGP1 antibody - C-terminal region - Protein Information**Name** RGP1 ([HGNC:21965](#))**Synonyms** KIAA0258**Function**

The RIC1-RGP1 complex acts as a guanine nucleotide exchange factor (GEF), which activates RAB6A by exchanging bound GDP for free GTP and may thereby required for efficient fusion of endosome-derived vesicles with the Golgi compartment. The RIC1-RGP1 complex participates in

the recycling of mannose-6-phosphate receptors.

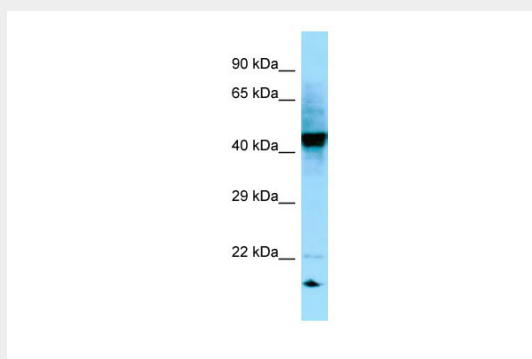
Cellular Location

Cytoplasm, cytosol. Membrane

RGP1 antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RGP1 antibody - C-terminal region - Images

WB Suggested Anti-RGP1 Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole Cell RGP1 is supported by BioGPS gene expression data to be expressed in 721_B

RGP1 antibody - C-terminal region - References

- Nagase T., et al. DNA Res. 3:321-329(1996).
Humphray S.J., et al. Nature 429:369-374(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Pusapati G.V., et al. J. Biol. Chem. 287:42129-42137(2012).
Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).