

RABEP2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50625**Specification**

RABEP2 Antibody - Product Information

Application	WB
Primary Accession	Q9H5N1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64,59 KDa
Antigen Region	365-389

RABEP2 Antibody - Additional Information**Gene ID** 79874**Other Names**

Rab GTPase-binding effector protein 2, Rabaptin-5beta, RABEP2, RABPT5B

Dilution

WB~~ 1:500

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

RABEP2 Antibody - Protein Information**Name** RABEP2**Synonyms** RABPT5B**Function**

Plays a role in membrane trafficking and in homotypic early endosome fusion (PubMed:9524116). Participates in arteriogenesis by regulating vascular endothelial growth factor receptor 2/VEGFR2 cell surface expression and endosomal trafficking (PubMed:29425100). By interacting with SDCCAG8, localizes to centrosomes and plays a critical role in ciliogenesis (PubMed:27224062).

Cellular Location

Cytoplasm. Early endosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.

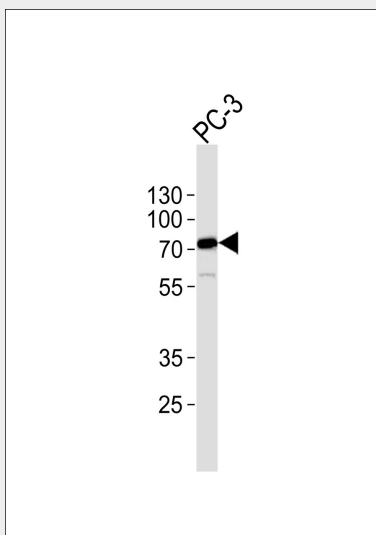
Cytoplasm, cytoskeleton, cilium basal body

RABEP2 Antibody - 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](#)

RABEP2 Antibody - Images



Western blot analysis of lysate from PC-3 cell line, using RABEP2 Antibody (AP50625). AP50625 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.

RABEP2 Antibody - Background

Plays a role in membrane trafficking and in homotypic early endosome fusion.

RABEP2 Antibody - References

Ota T., et al. Nat. Genet. 36:40-45 (2004).
Gournier H., et al. EMBO J. 17:1930-1940 (1998).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17 (2011).
Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454 (2012).