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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

Format
Rabbit 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℃

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.

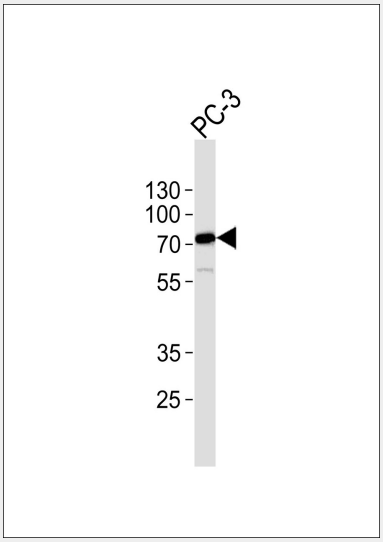
Cytoplasm, cytoskeleton, cilium basal body

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 Cytomety
- 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 35ug.

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).