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RABEP2 Antibody (aa353-402)
Rabbit Polyclonal Antibody
Catalog # ALS15938

Specification

RABEP2 Antibody (aa353-402) - Product Information

Application	**WB, IHC-P, E**
Primary Accession	Q9H5N1
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**64kDa KDa**
Dilution	**WB~~1:1000** **IHC-P~~N/A** **E~~N/A**

RABEP2 Antibody (aa353-402) - Additional Information

Gene ID 79874

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

Target/Specificity
RABEP2 Antibody detects endogenous levels of total RABEP2 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
RABEP2 Antibody (aa353-402) is for research use only and not for use in diagnostic or therapeutic procedures.

RABEP2 Antibody (aa353-402) - 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).

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Cellular Location
Cytoplasm. Early endosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, cilium basal body

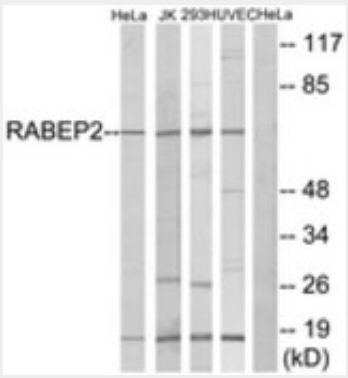
Volume
50 µl

RABEP2 Antibody (aa353-402) - 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 (aa353-402) - Images



Western blot of extracts from HeLa/Jurkat/293/HUVEC cells, using RABEP2 Antibody.

RABEP2 Antibody (aa353-402) - Background

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

RABEP2 Antibody (aa353-402) - 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).