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RABEP1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21346c

Specification

RABEP1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q15276
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**99290**

RABEP1 Antibody (Center) - Additional Information

Gene ID 9135

Other Names
Rab GTPase-binding effector protein 1, Rabaptin-4, Rabaptin-5, Rabaptin-5alpha, Renal carcinoma antigen NY-REN-17, RABEP1, RAB5EP, RABPT5, RABPT5A

Target/Specificity
This RABEP1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 427-461 amino acids from the Central region of human RABEP1.

Dilution
WB~~1:2000

Format
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.

Storage
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.

Precautions
RABEP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RABEP1 Antibody (Center) - Protein Information

Name RABEP1

Synonyms RAB5EP, RABPT5, RABPT5A

Function Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A.

Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Involved in KCNH1 channels trafficking to and from the cell membrane (PubMed:22841712). Stimulates RABGEF1 mediated nucleotide exchange on RAB5A. Mediates the traffic of PKD1:PKD2 complex from the endoplasmic reticulum through the Golgi to the cilium (By similarity).

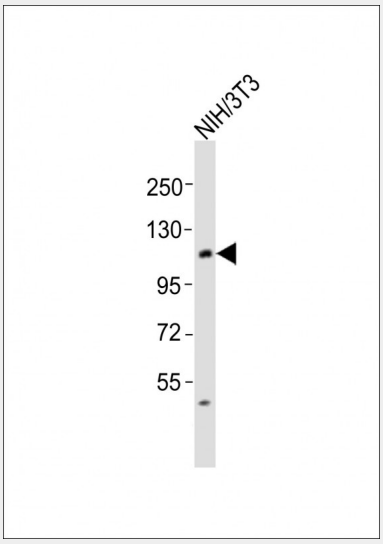
Cellular Location
Cytoplasm. Early endosome. Recycling endosome. Cytoplasmic vesicle

RABEP1 Antibody (Center) - 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

RABEP1 Antibody (Center) - Images



Anti-RABEP1 Antibody (Center)at 1:2000 dilution + NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 99 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RABEP1 Antibody (Center) - Background

Rab effector protein acting as linker between gamma- adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates RABGEF1 mediated nucleotide exchange on RAB5A.

RABEP1 Antibody (Center) - References

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