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RAB7B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19936B

Specification

RAB7B Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q96AH8
Other Accession	NP_796377.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**22511**
Antigen Region	**168-197**

RAB7B Antibody (C-term) - Additional Information

Gene ID 338382

Other Names
Ras-related protein Rab-7b, RAB7B

Target/Specificity
This RAB7B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168-197 amino acids from the C-terminal region of human RAB7B.

Dilution
WB~~1:1000

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
RAB7B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RAB7B Antibody (C-term) - Protein Information

Name RAB7B

Function Controls vesicular trafficking from endosomes to the trans- Golgi network (TGN). Acts as a negative regulator of TLR9 signaling and can suppress TLR9-triggered TNFA, IL6, and IFNB

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production in macrophages by promoting TLR9 lysosomal degradation. Also negatively regulates TLR4 signaling in macrophages by promoting lysosomal degradation of TLR4. Promotes megakaryocytic differentiation by increasing NF-kappa-B-dependent IL6 production and subsequently enhancing the association of STAT3 with GATA1. Not involved in the regulation of the EGF- and EGFR degradation pathway.

Cellular Location
Late endosome. Lysosome Golgi apparatus. Golgi apparatus, trans- Golgi network. Cytoplasmic vesicle, phagosome. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Note=Recruited to phagosomes containing S.aureus or M.tuberculosis.
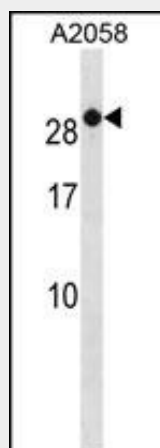
Tissue Location
Expressed in heart, placenta, lung, skeletal muscle and peripheral blood leukocyte.

RAB7B Antibody (C-term) - 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

RAB7B Antibody (C-term) - Images

RAB7B Antibody (C-term) (Cat. #AP19936b) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the RAB7B antibody detected the RAB7B protein (arrow).

RAB7B Antibody (C-term) - Background

Protein transport. Probably involved in vesicular traffic (By similarity).

RAB7B Antibody (C-term) - References

Progida, C., et al. J. Cell. Sci. 123 (PT 9), 1480-1491 (2010) :
Yang, M., et al. Biochem. Biophys. Res. Commun. 318(3):792-799(2004)