

RAB7B Rabbit pAb

Catalog # AP53567

Product Information

Primary Accession	Q96AH8
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	22511

Additional Information

Gene ID	338382
Other Names	RAB7
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

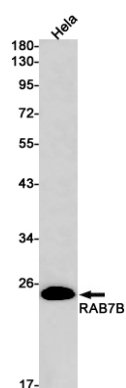
Name	RAB7B
Function	Controls vesicular trafficking from endosomes to the trans- Golgi network (TGN). Acts as a negative regulator of TLR9 signaling and can suppress TLR9-triggered TNFA, IL6, and IFNB production in macrophages by promoting TLR9 lysosomal degradation. Also negatively regulates TLR4 signaling 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.

Background

Swiss-Prot Acc.Q96AH8.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 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.

Images



Western blot detection of RAB7B in HeLa cell lysates using RAB7B Rabbit pAb(1:1000 diluted). Predicted band size:23kDa.Observed band size:23kDa.

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