

Anti-RAB8B Antibody

Rabbit polyclonal antibody to RAB8B

Catalog # AP60504

Product Information

| | |
|-------------------|---------------------------|
| Application | WB |
| Primary Accession | Q92930 |
| Other Accession | P61028 |
| Reactivity | Human, Mouse, Rat, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 23584 |

Additional Information

| | |
|--------------------|---|
| Gene ID | 51762 |
| Other Names | Ras-related protein Rab-8B |
| Target/Specificity | Recognizes endogenous levels of RAB8B protein. |
| Dilution | WB~~WB (1/500 - 1/1000) |
| Format | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide. |
| Storage | Store at -20 °C.Stable for 12 months from date of receipt |

Protein Information

| | |
|-------------------|--|
| Name | RAB8B (HGNC:30273) |
| Function | The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). RAB8B may be involved in polarized vesicular trafficking and neurotransmitter release (Probable). May participate in cell junction dynamics in Sertoli cells (By similarity). May also participate in the export of a subset of neosynthesized proteins through a Rab8-Rab10-Rab11-dependent endosomal export route (PubMed: 32344433). |
| Cellular Location | Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasmic vesicle, phagosome. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Endosome membrane. Note=Recruited to phagosomes |

containing *S.aureus* or *M.tuberculosis*. Colocalized with MICAL1, GRAF1/ARHGAP26 and GRAF2/ARHGAP10 on endosomal tubules (PubMed:32344433)

Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RAB8B. The exact sequence is proprietary.

Images



Western blot analysis of RAB8B expression in mouse spleen (A) whole cell lysates.

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