

Rab 11B Polyclonal Antibody

Catalog No: YT3919

Reactivity: Human; Mouse; Rat

Applications: WB;IHC

Target: Rab 11B

Fields: >>Endocytosis;>>AMPK signaling pathway;>>Vasopressin-regulated water

reabsorption;>>Influenza A

Gene Name: RAB11B

Protein Name: Ras-related protein Rab-11B

Q15907

P46638

Human Gene Id: 9230

Human Swiss Prot

No:

Mouse Gene Id: 19326

Mouse Swiss Prot

No:

Rat Gene Id: 79434

Rat Swiss Prot No: 035509

Immunogen : The antiserum was produced against synthesized peptide derived from human

RAB11B. AA range:164-213

Specificity: Rab 11B Polyclonal Antibody detects endogenous levels of Rab 11B protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000;IHC 1:50-300

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Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 28kD

Location:

Cell Pathway: Endocytosis;

Background: The Ras superfamily of small GTP-binding proteins, which includes the Ras (see

MIM 190020), Ral (see MIM 179550), Rho (see MIM 165390), Rap (see MIM 179520), and Rab (see MIM 179508) families, is involved in controlling a diverse set of essential cellular functions. The Rab family, including RAB11B, appears to play a critical role in regulating exocytotic and endocytotic pathways (summary by

Zhu et al., 1994 [PubMed 7811277]).[supplied by OMIM, Nov 2010],

Function: function:Possesses GTPase activity., similarity:Belongs to the small GTPase

superfamily. Rab family., subunit: Interacts with RAB11FIP1, RAB11FIP2,

RAB11FIP3 and RAB11FIP4.,

Subcellular Recycling endosome membrane ; Lipid-anchor ; Cytoplasmic side . Cytoplasmic

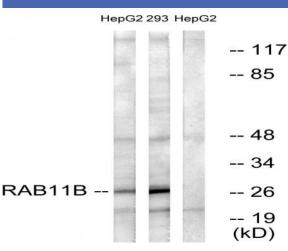
vesicle, secretory vesicle, synaptic vesicle membrane; Lipid-anchor;

Cytoplasmic side. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor;

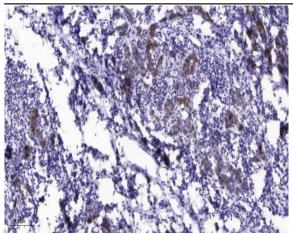
Cytoplasmic side. Recruited to phagosomes containing S.aureus...

Expression : B-cell lymphoma, Brain, Cerebellum, Muscle,

Products Images



Western blot analysis of lysates from HepG2 and 293 cells, using RAB11B Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).