

Rab11-FIP4 Polyclonal Antibody

Catalog No: YT3945

Reactivity: Human; Mouse

Applications: WB;IHC;IF;ELISA

Target: Rab11-FIP4

Fields: >>Endocytosis

Gene Name: RAB11FIP4

Protein Name: Rab11 family-interacting protein 4

Human Gene Id: 84440

Human Swiss Prot

Q86YS3

No:

Mouse Gene ld: 268451

Mouse Swiss Prot

No:

Q8BQP8

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

RAB11FIP4. AA range:452-501

Specificity: Rab11-FIP4 Polyclonal Antibody detects endogenous levels of Rab11-FIP4

protein.

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

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

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

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



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

Observed Band: 95kD

Cell Pathway: Endocytosis;

Background: Proteins of the large Rab GTPase family (see RAB1A; MIM 179508) have

regulatory roles in the formation, targeting, and fusion of intracellular transport vesicles. RAB11FIP4 is one of many proteins that interact with and regulate Rab GTPases (Hales et al., 2001 [PubMed 11495908]).[supplied by OMIM, Apr

2008],

Function: function: A Rab11 effector protein acting in the endosomal

trafficking., similarity: Contains 1 EF-hand domain., subcellular location: Colocalizes

with RAB11A in the endocytic recycling compartment

(ERC)., subunit: Homooligomer. Forms an heterooligomeric complex with

RAB11FIP2, RAB11FIP3 and RAB11FIP5. Interacts with RAB11A that has been

activated by GTP binding.,

Subcellular Location:

Endosome . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Recycling endosome membrane ; Peripheral membrane protein. Cleavage furrow . Midbody . Cytoplasmic vesicle .

Recruited to the cleavage furrow and the midbody during cytokinesis. .

Expression: Present at high level in testis (at protein level). Weakly expressed in other

tissues.

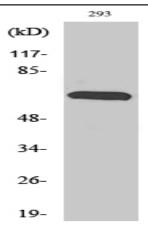
Sort: 13241

No4: 1

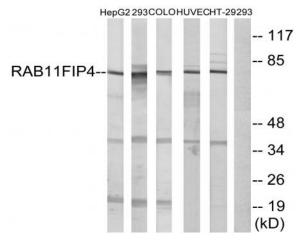
Host: Rabbit

Modifications: Unmodified

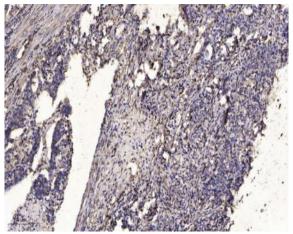
Products Images



Western Blot analysis of various cells using Rab11-FIP4 Polyclonal Antibody



Western blot analysis of lysates from 293, COLO, HUVEC, HepG2, and HT-29 cells, using RAB11FIP4 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 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).