

**Rab11-FIP2 Polyclonal Antibody**

<b>Catalog No :</b>	YT3943
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	Rab11-FIP2
<b>Fields :</b>	>>Endocytosis
<b>Gene Name :</b>	RAB11FIP2
<b>Protein Name :</b>	Rab11 family-interacting protein 2
<b>Human Gene Id :</b>	22841
<b>Human Swiss Prot No :</b>	Q7L804
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human RAB11FIP2. AA range:340-389
<b>Specificity :</b>	Rab11-FIP2 Polyclonal Antibody detects endogenous levels of Rab11-FIP2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	58kD

**Cell Pathway :** Endocytosis;

---

**Background :** function:A Rab11 effector protein acting in the regulation of the transport of vesicles from the endosomal recycling compartment (ERC) to the plasma membrane. Also involved in receptor-mediated endocytosis and membrane trafficking of recycling endosomes, probably originating from clathrin-coated vesicles. Binds preferentially to phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and phosphatidic acid (PA).,similarity:Contains 1 C2 domain.,subcellular location:Translocates with RAB11A from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane.,subunit:Homooligomerizes in a Rab11-independent manner. Forms an heterooligomeric complex with RAB11FIP4. Interacts with AP2A1, MYO5B, RAB11A, RAB11B, RAB25 and REPS1. Interacts with RAB11A/RAB11B that has been activated by GTP binding.,

---

**Function :** function:A Rab11 effector protein acting in the regulation of the transport of vesicles from the endosomal recycling compartment (ERC) to the plasma membrane. Also involved in receptor-mediated endocytosis and membrane trafficking of recycling endosomes, probably originating from clathrin-coated vesicles. Binds preferentially to phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and phosphatidic acid (PA).,similarity:Contains 1 C2 domain.,subcellular location:Translocates with RAB11A from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane.,subunit:Homooligomerizes in a Rab11-independent manner. Forms an heterooligomeric complex with RAB11FIP4. Interacts with AP2A1, MYO5B, RAB11A, RAB11B, RAB25 and REPS1. Interacts with RAB11A/RAB11B that has been activated by GTP binding.,

---

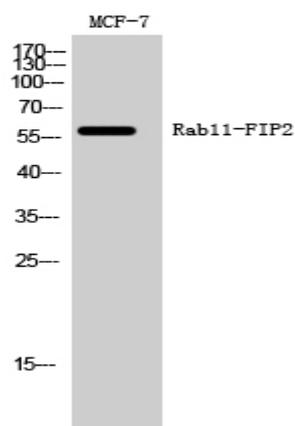
**Subcellular Location :** Cell projection, phagocytic cup . Cell membrane; Peripheral membrane protein. Recycling endosome membrane; Peripheral membrane protein. Translocates with RAB11A from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane.

---

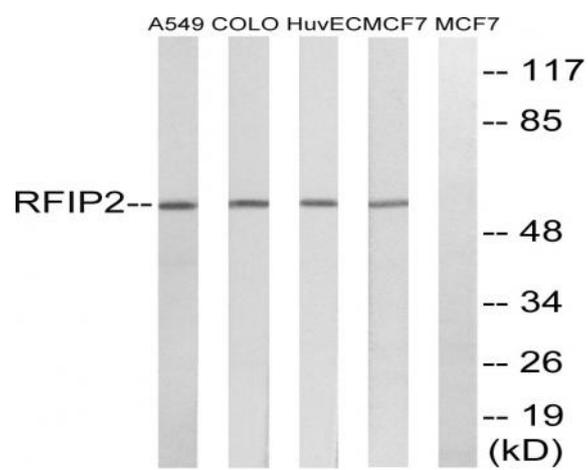
**Expression :** Brain,

---

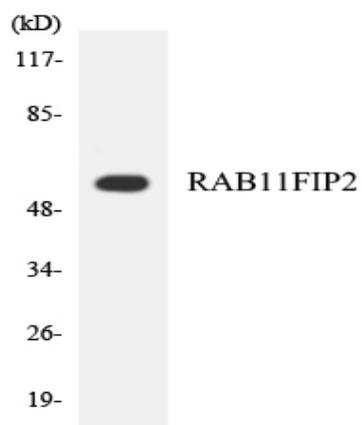
## Products Images



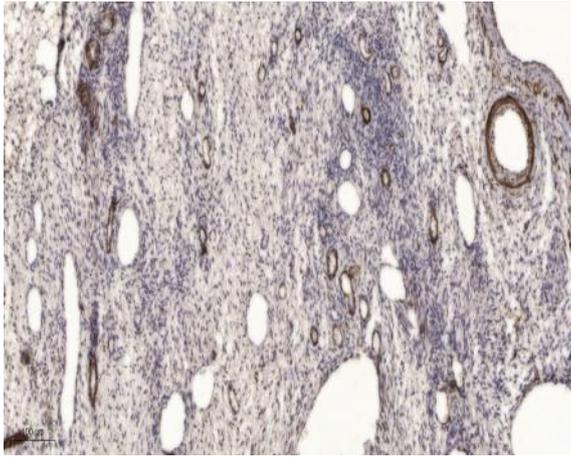
Western Blot analysis of MCF-7 cells using Rab11-FIP2 Polyclonal Antibody



Western blot analysis of lysates from MCF-7, HUVEC, A549, and COLO cells, using RAB11FIP2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using RAB11FIP2 antibody.



Immunohistochemical analysis of paraffin-embedded human oophoroma. 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).