

## RAB11FIP2 Antibody

Catalog No: #34949

Package Size: #34949-1 50ul #34949-2 100ul

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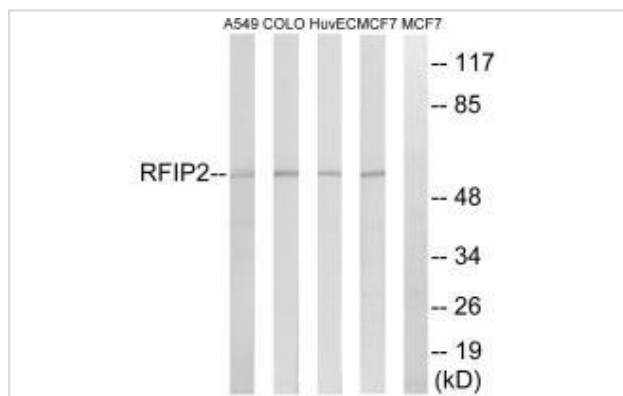
## Description

Product Name	RAB11FIP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total RAB11FIP2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human RAB11FIP2.
Target Name	RAB11FIP2
Other Names	KIAA0941; NRip11; Rab11 family-interacting protein 2; Rab11-FIP2; RFIP2
Accession No.	Swiss-Prot: Q7L804NCBI Gene ID: 22841
Uniprot	Q7L804
GeneID	22841;
SDS-PAGE MW	58kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from A549 cells, COLO cells, HUVEC cells and MCF-7 cells, using RAB11FIP2 antibody #34949.

## Background

A Rab11 effector binding preferentially phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and phosphatidic acid (PA) and acting in the regulation of the transport of vesicles from the endosomal recycling compartment (ERC) to the plasma membrane. Involved in insulin granule exocytosis. Also involved in receptor-mediated endocytosis and membrane trafficking of recycling endosomes, probably originating from clathrin-coated vesicles. Required in a complex with MYO5B and RAB11 for the transport of NPC1L1 to the plasma membrane. Also acts as a regulator of cell polarity.

Nagase T., DNA Res. 6:63-70(1999).

Prekeris R., Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.

Deloukas P., Nature 429:375-381(2004).

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Note: This product is for in vitro research use only