


Product datasheet

Anti-RAB11-FIP2 antibody ab104723

1 Image

Overview

Product name	Anti-RAB11-FIP2 antibody
Description	Rabbit polyclonal to RAB11-FIP2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Pig 
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 71-120 (LLIQGSPEKY ILFLMMHRS LVGLDKFLGQ VAINLNDIFE DKQRRKTEWF) of Human RAB11-FIP2 (NP_055719). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	COLO205 cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab104723** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

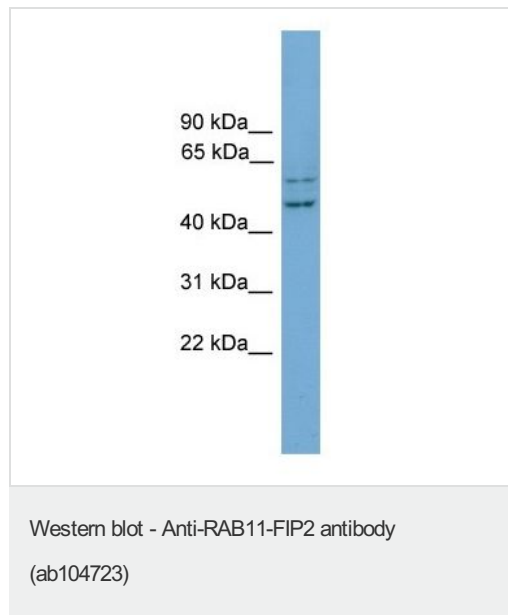
Application	Abreviews	Notes

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 58 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	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.
Sequence similarities	Contains 1 C2 domain. Contains 1 FIP-RBD domain.
Post-translational modifications	Phosphorylation at Ser-227 by MARK2 regulates epithelial cell polarity.
Cellular localization	Cell membrane. Recycling endosome membrane. Translocates with RAB11A from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane.

Images



Anti-RAB11-FIP2 antibody (ab104723) at 1 µg/ml + COLO205 cell lysate at 10 µg

Predicted band size: 58 kDa

12% gel

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