

Datasheet for ABIN233825
anti-RAB11FIP3 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RAB11FIP3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Purpose:	Rab11 FIB3 Antibody
Immunogen:	<p>Immunogen: This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein corresponding to amino acids spanning the carboxyl terminal one-third of human FIP3.</p> <p>Immunogen Type: Recombinant Protein</p>
Isotype:	IgG
Cross-Reactivity (Details):	This affinity purified antibody is directed against human FIP3 protein.
Characteristics:	<p>Synonyms: rabbit anti-Rab11-FIP3 antibody, Rabbit anti-Rab11 family-interacting protein 3 antibody, rabbit anti-FIP3-Rab11 antibody, Arfophilin-1, Eferin, EF hands-containing Rab-interacting protein, ARF01, Rab 11, FIP 3</p>
Purification:	The product was affinity purified from monospecific antiserum by immunoaffinity chromatography.

Product Details

Sterility: Sterile filtered

Target Details

Target: RAB11FIP3

Alternative Name: RAB11FIP3 ([RAB11FIP3 Products](#))

Background: This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI). Rab11 Family-Interacting Protein 3 (FIP3)/Arfophilin-1 and FIP4/Arfophilin-2 are dual effectors for Rab11 and the ADP-ribosylation factor Arf6. Rab11 and Arf6 are involved in membrane delivery from recycling endosomes to the plasma membrane during cytokinesis. The dual Rab11/Arf6 binding proteins, FIP3 and FIP4, function in the delivery of recycling endosomes to the cleavage furrow and are, together with Rab11, essential for completion of abscission, the terminal step of cytokinesis. An interaction between Rab11-FIP3 and ASAP1 has also been identified. ASAP1 is an Arf GTPase-activating protein that has been implicated in the invasive properties of uveal melanoma and mammary carcinoma. Therefore, may play a role in breast cancer cell motility by regulating actin cytoskeleton. Also, acts as an adapter protein linking the dynein motor complex to various cargos and converts dynein from a non-processive to a highly processive motor in the presence of dynactin. Facilitates the interaction between dynein and dynactin and activates dynein processivity (the ability to move along a microtubule for a long distance without falling off the track). Anti-Rab11 Antibody is useful for researchers interested in organelle transport, endocytosis, and cancer research.

Gene ID: 9727, 7662234

UniProt: [O75154](#)

Application Details

Application Notes: Immunohistochemistry Dilution: User Optimized

Application Note: This affinity purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Although the predicted molecular weight of FIP3 is 82.4 kDa, a band corresponding to FIP3 was observed at 120 kDa in human cell lysates and at 150 kDa in mouse cell lysates. The identity of a 40 kDa band, observed in western blotting against both HeLa and 293T cell lysates, is unknown (personal communication, P. Randazzo, CCR-NCI, Bethesda, MD).

Western Blot Dilution: 1:200 - 1:2,000

ELISA Dilution: 1:2,000 - 1:10,000

Application Details

	Other: User Optimized
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1.19 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months