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Rabbit Anti-RFIP3 antibody

SL16089R

Product Name:	RFIP3
Chinese Name:	Rab11-FIP3蛋白抗体
Alias:	EF hands containing Rab interacting protein; Eferin; RFIP3_HUMAN; Rab11 family interacting protein 3; RAB11FIP3; RFIP3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	82kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FIP3:651-756/756
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Proteins of the large Rab GTPase family (see RAB1A; MIM 179508) have regulatory roles in the formation, targeting, and fusion of intracellular transport vesicles. RAB11FIP3 is one of many proteins that interact with and regulate Rab GTPases (Hales et al., 2001 [PubMed 11495908]).[supplied by OMIM, Mar 2008] **Function:** FIP3 (RAB11FIP3) is one of many proteins that interact with and regulate Rab

GTPases. Forms an heterooligomeric complex with RAB11FIP4. Binds to RAB11A, RAB11B and RAB25.

Subunit:
Homodimer. Forms a complex with Rab11 (RAB11A or RAB11B) and ARF6. Interacts with RAB11A; the interaction is direct. Interacts with RAB11B, RAB25 and RAB11FIP4. Interacts with ARF6; according to PubMed:16148947, it specifically interacts with ARF6 but not ARF5. Interacts with ARF6; according to PubMed:17030804 but not PubMed:16148947. Interacts with RACGAP1/MgcRacGAP; interaction takes place during late stage of cytokinesis and is required for recruitment to the midbody. Interacts with ASAP1 and EXOC7.

Subcellular Location:
Recycling endosome membrane; Peripheral membrane protein. Cytoplasm; cytoskeleton; centrosome. Cleavage furrow. Midbody.

Post-translational modifications:
Phosphorylated at Ser-102 by CDK1 during metaphase, and dephosphorylated as cells enter telophase.

Similarity:
Contains 2 EF-hand domains.
Contains 1 FIP-RBD domain.

SWISS:
O75154

Gene ID:
9727

Database links:

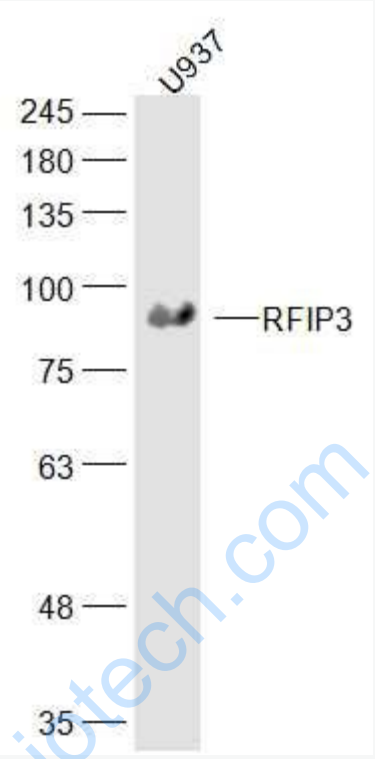
Entrez Gene: 9727 Human

Entrez Gene: 303002 Rat

Omim: 608738 Human

SwissProt: O75154 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: U937(Human) Cell Lysate at 30 ug Primary: Anti-RFIP3 (SL16089R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 82 kD Observed band size: 82 kD