SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-RFIP3 antibody

Catalog Number: SL16089R

FOR RESEARCH USE ONLY

[DATASHEET]

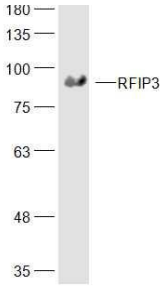
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RFIP3
Immunogen:	KLH conjugated synthetic peptide derived from human FIP3: 651-756/756
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat)
Predicted MW.:	82kDa
Subcellular Location:	cytoplasmic
Background:	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

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	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. **Database links:** **Entrez Gene:** 9727 Human **Entrez Gene:** 303002 Rat Omim: 608738 Human **SwissProt:** O75154 Human

[VALIDATION IMAGES]



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

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