SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-EXOC3 antibody

Catalog Number: SL11396R

FOR RESEARCH USE ONLY

[DATASHEET]

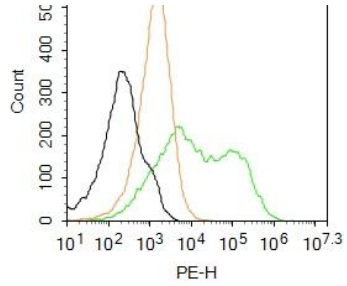
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	EXOC3
Immunogen:	KLH conjugated synthetic peptide derived from human EXOC3: 714-756/756
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt=2ug/Test （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human (predicted:Mouse,Rat,Dog,Cow,Rabbit,Sheep)
Predicted MW.:	87kDa
Subcellular Location:	cytoplasmic
Background:	The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity. **Function:** Sec6 is a component of the exocyst complex involved in the docking of exocystic vesicles with fusions site on the plasma membrane. **Subunit:** The exocyst complex is composed of EXOC1, EXOC2, EXOC3, EXOC4, EXOC5, EXOC6, EXOC7 and EXOC8. Interacts with EXOC3L1 (By similarity). Interacts with BIRC6/bruce. Interacts with MYRIP **Subcellular Location:** Cytoplasmic

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

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	Similarity: Belongs to the SEC6 family. **Database links:** **Entrez Gene:** 11336 Human **Entrez Gene:** 211446 Mouse **Entrez Gene:** 252881 Rat Omim: 608186 Human **SwissProt:** O60645 Human **SwissProt:** Q6KAR6 Mouse **SwissProt:** Q62825 Rat **Unigene:** 481464 Human **Unigene:** 489612 Mouse **Unigene:** 6753 Rat

[VALIDATION IMAGES]



Blank control:Hela.
Primary Antibody (green line): Rabbit Anti-rSec6 antibody (SL11396R)
Dilution: 2μg /10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody : Goat anti-rabbit IgG-PE
Dilution: 1μg /test.
Protocol
The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

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