SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-SURF4/Biotin Conjugated antibody

Catalog Number: SL12847R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-SURF4/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human SURF4
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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,Chicken,Dog,Pig,Cow,Horse,Zebrafish,Sheep)
Background:	background: This gene is located in the surfeit gene cluster, which is comprised of very tightly linked housekeeping genes that do not share sequence similarity. The encoded protein is a conserved integral membrane protein that interacts with endoplasmic reticulum-Golgi intermediate compartment proteins. Disruption of this gene results in reduced numbers of endoplasmic reticulum-Golgi intermediate compartment clusters and redistribution of coat protein I to the cytosol. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013] **Function:** May play a role in the maintenance of the architecture of the endoplasmic reticulum-Golgi intermediate compartment and of the Golgi. **Subunit:** Found in a complex composed at least of SURF4, TMED2 and TMED10. May interact with LMAN1. **Subcellular Location:** Endoplasmic reticulum membrane. Endoplasmic reticulum-Golgi intermediate compartment membrane. Golgi apparatus membrane. Cycles between the endoplasmic reticulum and the Golgi.

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 SURF4 family. **Database links:** **Entrez Gene:** 6836 Human **Entrez Gene:** 20932 Mouse **Entrez Gene:** 619346 Rat Omim: 185660 Human **SwissProt:** O15260 Human **SwissProt:** Q64310 Mouse **Unigene:** 512465 Human **Unigene:** 300594 Mouse **Unigene:** 107863 Rat 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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