SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-SYTL5/AF647 Conjugated antibody

Catalog Number: SL4145R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-SYTL5/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human SYTL5
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:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Rat(predicted:Mouse,Dog,Pig,Cow,Horse,Rabbit)
Background:	background: The protein encoded by this gene belongs to the synaptotagmin-like (Slp) protein family, which contains a unique homology domain at the N-terminus, referred to as the Slp homology domain (SHD). The SHD functions as a binding site for Rab27A, which plays a role in protein transport. Expression of this gene is restricted to placenta and liver, suggesting that it might be involved in Rab27A-dependent membrane trafficking in specific tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. **Function:** May act as Rab effector protein and play a role in vesicle trafficking. Binds phospholipids. **Subcellular Location:** Membrane. **Tissue Specificity:** Highly expressed in placenta and liver. **Similarity:** Contains 2 C2 domains. Contains 1 FYVE-type zinc finger. Contains 1 RabBD (Rab-binding) domain.

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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	Database links: **Entrez Gene:** 94122 Human **Entrez Gene:** 236643 Mouse **Entrez Gene:** 302538 Rat **SwissProt:** Q8TDW5 Human **SwissProt:** Q80T23 Mouse **SwissProt:** Q812E4 Rat **Unigene:** 662334 Human **Unigene:** 246606 Mouse **Unigene:** 92480 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.