

Rabbit Anti-SYTL5/Cy5 Conjugated antibody

SL4145R-Cy5

Product Name	Anti-SYTL5/Cy5
Chinese Name	Cy5 标记的突触样蛋白 5 亚型 2 抗体
Alias	synaptotagmin-like protein 5 isoform 2; synaptotagmin-like protein 5; SYTL5 protein; synaptotagmin-like 5; ENSMUSG00000054453; slp5; SYTL5.
Research Area	immunology Neurobiology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Rat(predicted:Mouse,Dog,Pig,Cow,Horse,Rabbit) IF=1:50-200
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	81kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human SYTL5
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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.
Storage	
Product Detail	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.

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.