

SYTL5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58125

Specification

SYTL5 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8TDW5
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SYTL5
Epitope Specificity	601-700/730
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
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.

Background Descriptions

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.

SYTL5 Polyclonal Antibody - Additional Information

Gene ID 94122

Other Names

Synaptotagmin-like protein 5, SYTL5, SLP5

Target/Specificity

Highly expressed in placenta and liver.

Dilution

WB~1:1000<br \><span class

=>IHC-P~N/A<br \><span class
=>IHC-F~N/A<br \><span class
=>IF~~1:50~200<br \>E~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SYTL5 Polyclonal Antibody - Protein Information

Name SYTL5

Synonyms SLP5

Function

May act as Rab effector protein and play a role in vesicle trafficking. Binds phospholipids.

Cellular Location

Membrane; Peripheral membrane protein

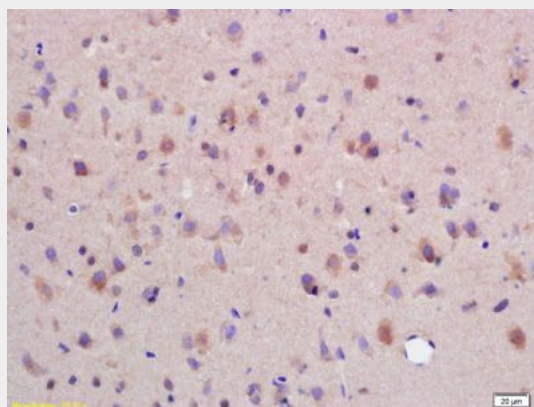
Tissue Location

Highly expressed in placenta and liver.

SYTL5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SYTL5 Polyclonal Antibody - Images

Tissue/cell: rat brain tissue;4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-SYTL5 Polyclonal Antibody, Unconjugated(bs-4145R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei