

# **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 08TDW5** 

Reactivity Rat, Pig, Dog, Bovine Host Rabbit Clonality **Polyclonal** Calculated MW 81 KDa

Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human SYTL5

601-700/730 **Epitope Specificity** 

Isotype **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.

This product as supplied is intended for Important Note

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 (SIp) protein family, which contains a unique homology domain at the N-terminus, referred to as the SIp 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** 

<span class ="dilution WB">WB~~1:1000</span><br \><span class</pre>



="dilution\_IHC-P">IHC-P $\sim$ N/A</span><br\><span class

- ="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class
- ="dilution\_IF">IF $\sim$ 1:50 $\sim$ 200</span><br\><span class ="dilution\_E">E $\sim$ N/A</span>

### 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**

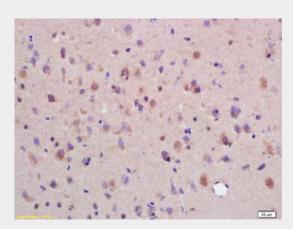
Highly expressed in placenta and liver.

# **SYTL5 Polyclonal Antibody - Protocols**

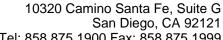
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- 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