

Datasheet for ABIN6991559
anti-SYTL5 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	SYTL5
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYTL5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SYTL5 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human SYTL5. The immunogen is located within amino acids 30 - 80 of SYTL5.
Isotype:	IgG
Specificity:	Multiple isoforms of SYTL5 are known to exist. SYTL5 antibody is predicted to not cross-react with other SYTL protein family members.
Purification:	SYTL5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SYTL5
Alternative Name:	SYTL5 (SYTL5 Products)

Target Details

Background: SYTL5 Antibody: SYTL5 belongs to the synaptotagmin-like (Slp) protein family, which contains a unique Slp homolog domain (SHD) at the N-terminus. The SHD functions as a binding site for Rab27A, which plays a role in protein transport. Expression of SYTL5 is restricted to placenta and liver, suggesting that it might be involved in Rab27A-dependent membrane trafficking in specific tissues. Several members of the synaptotagmin family are calcium-sensing vesicle-fusion proteins as mediators of cell migration. SYTL7 & SYTL5 were positive regulators of chemotaxis, whereas SYTL2 was a negative regulator of chemotaxis.

Gene ID: 94122

NCBI Accession: [NP_620135](#)

UniProt: [Q8TDW5](#)

Application Details

Application Notes: SYTL5 antibody can be used for detection of SYTL5 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in rat samples.
All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SYTL5 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SYTL5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.