

Datasheet for 600-401-EZ0**SYTL5 Antibody****Overview**

Description:	Anti-SYTL5 (RABBIT) Antibody - 600-401-EZ0
Item No.:	600-401-EZ0
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	SYTL5 Antibody, slp5, SLP5, Synaptotagmin-like protein 5
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SYTL5
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-SYTL5 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the N-terminus of human SYTL5.

Purity/Specificity:	Anti-SYTL5 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple isoforms of SYTL5 are known to exist. SYTL5 antibody is predicted to not cross-react with other SYTL protein family members.
Relevant Links:	• UniProtKB - Q8TDW5 • GeneID - 94122 • NCBI - NP_001156806.1

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-SYTL5 Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 82 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IHC:	5 µg/mL
WB:	1-2 µg/mL

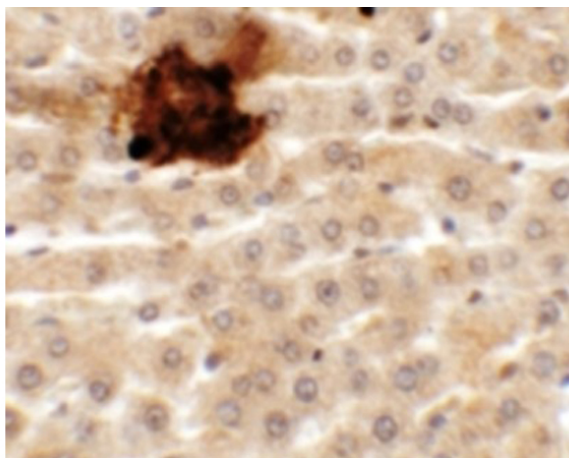
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

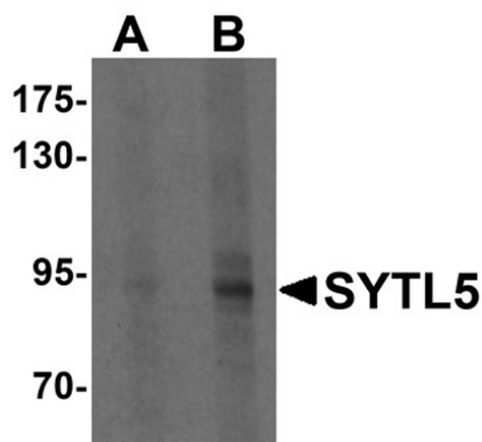


Immunohistochemistry

Immunohistochemistry of SYTL5.

Tissue: rat liver tissue.

Primary Antibody: SYTL5 antibody at 5 µg/mL.



Western Blot

Western blot analysis of SYTL5.

Load: Hela cell lysate.

Primary Antibody: SYTL5 antibody at (A) 1 µg/mL and (B) 2 µg/mL.

Disclaimer

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