

SYTL5 Antibody

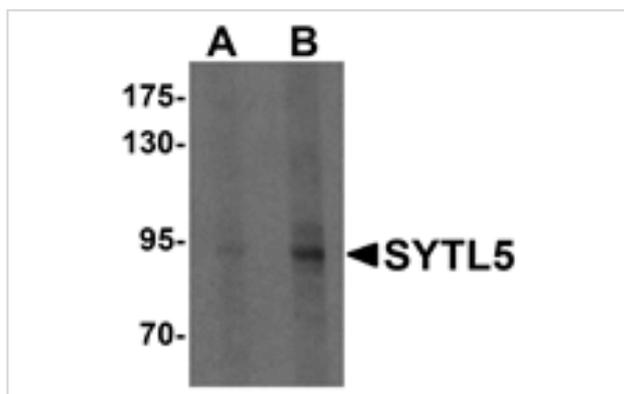
Catalog No: #25333

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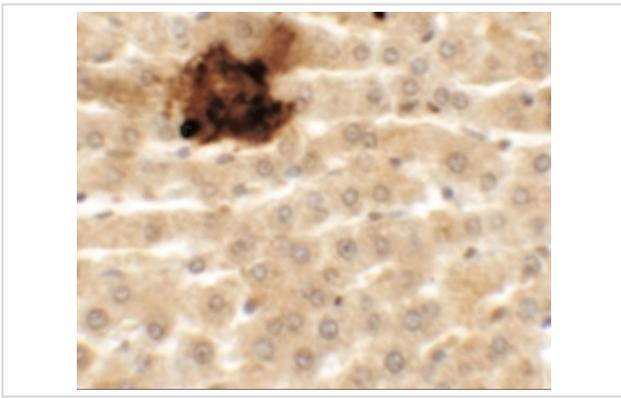
Description

Product Name	SYTL5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA, WB, IHC-P
Species Reactivity	Hu Ms Rt
Specificity	Multiple isoforms of SYTL5 are known to exist. SYTL5 antibody is predicted to not cross-react with other SYTL protein family members.
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the amino terminus of human SYTL5.
Target Name	SYTL5
Other Names	SLP5, Synaptotagmin-like protein 5
Accession No.	Swiss-Prot:Q8TDW5 Gene ID:94122
Uniprot	Q8TDW5
GeneID	94122;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	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.

Images



Western blot analysis of SYTL5 in HeLa cell lysate with SYTL5 antibody at (A) 1 and (B) 2 ug/mL .



Immunohistochemistry of SYTL5 in rat liver tissue with SYTL5 antibody at 5 ug/mL.

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.

Note: This product is for in vitro research use only