



## Rabbit Anti-Synaptotagmin X antibody

SL11400R

<b>Product Name:</b>	Synaptotagmin X
<b>Chinese Name:</b>	突触Binding protein10抗体
<b>Alias:</b>	SynaptotagminX; Synaptotagmin-X; Synaptotagmin-10; Synaptotagmin 10; Synaptotagmin10; SYT10; SYT 10; SYT-10; SYT10 HUMAN; SytX.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	59kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Synaptotagmin X:351-435/523
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. <b>Function:</b> May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+)

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**Subunit:**

Homodimer. Can also form heterodimers with SYT6

**Subcellular Location:**

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass membrane protein.

**Tissue Specificity:**

Expressed only in pancreas, lung and kidney.

**Similarity:**

Belongs to the synaptotagmin family.  
Contains 2 C2 domains.

**SWISS:**

Q6XYQ8

**Gene ID:**

341359

**Database links:**

UniProtKB/Swiss-Prot: Q6XYQ8.1

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.