SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-Synaptotagmin X antibody

Catalog Number: SL11400R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Synaptotagmin X
Immunogen:	KLH conjugated synthetic peptide derived from human Synaptotagmin X: 351-435/523
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Pig, Horse, Rabbit)
Predicted MW.:	59kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	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. **Function:** 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 **Subunit:** Homodimer. Can also form heterodimers with SYT6 **Subcellular Location:** Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass membrane protein.

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

SUNLONG

SunLong Biotech Co.,LTD

Tel: 0086-571-56623320 Fax:0086-571-56623318

E-mail:sales@sunlongbiotech.com

www.sunlongbiotech.com

	Tissue Specificity: Expressed only in pancreas, lung and kidney. **Similarity:** Belongs to the synaptotagmin family. Contains 2 C2 domains. **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.