10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Synaptotagmin X Rabbit pAb

Catalog # AP96241

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6XYQ8.1
Other Accession	Q6XYQ8.1
Predicted	Rat, Pig, Human, Mouse, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Synaptotagmin X
Epitope Specificity	351-435/523
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass membrane protein.
SIMILARITY	Belongs to the synaptotagmin family. Contains 2 C2 domains.
SUBUNIT	Homodimer. Can also form heterodimers with SYT6
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	341359
Other Names	synaptotagmin 10; synaptotagmin X; SynaptotagminX; Synaptotagmin-X; Synaptotagmin-10; Synaptotagmin10; SYT10; SYT 10; SYT-10; SYT10_HUMAN; SytX.
Target/Specificity	Expressed only in pancreas, lung and kidney.
Dilution	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
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	Synaptotagmin X Rabbit pAb
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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.