

Immunotag™ Synaptotagmin X Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4486
Product Description	Immunotag™ Synaptotagmin X Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Synaptotagmin X
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Synaptotagmin X, at AA range: 380-460
Specificity	Synaptotagmin X Polyclonal Antibody detects endogenous levels of Synaptotagmin X protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SYT10
Accession No.	Q6XYQ8 Q9R0N4 O08625
Alternate Names	SYT10; Synaptotagmin-10; Synaptotagmin X; SytX

Antibody Specification

Description	cofactor: Binds 3 calcium ions per subunit. The ions are bound to the C2 domains., 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., similarity: Belongs to the synaptotagmin family., similarity: Contains 2 C2 domains., subunit: Homodimer. Can also form heterodimers., tissue specificity: Expressed only in pancreas, lung and kidney.,
Protein Expression	Fetal brain, PCR rescued clones,
Subcellular Localization	plasma membrane, integral component of membrane, transport vesicle membrane, exocytic vesicle, presynapse,
Protein Function	cofactor: Binds 3 calcium ions per subunit. The ions are bound to the C2 domains., 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., similarity: Belongs to the synaptotagmin family., similarity: Contains 2 C2 domains., subunit: Homodimer. Can also form heterodimers., tissue specificity: Expressed only in pancreas, lung and kidney.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.