

Anti-SYT2 antibody



Description	Unconjugated Rabbit polyclonal to SYT2
Model	STJ190399
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human SYT2 protein.
Immunogen Region	40-120aa
Gene ID	127833
Gene Symbol	SYT2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SYT2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in melanocytes .
Purification	SYT2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Synaptotagmin-2 Synaptotagmin II SytII
Molecular Weight	46 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11510 MIM:600104
Alternative Names	Synaptotagmin-2 Synaptotagmin II SytII
Function	Exhibits calcium-dependent phospholipid and inositol polyphosphate binding properties . May have a regulatory role in the membrane interactions during trafficking of synaptic vesicles at the active zone of the synapse . Plays a role in dendrite formation by melanocytes .
Sequence and Domain Family	The first C2 domain mediates Ca(2+)-dependent phospholipid binding. The second C2 domain mediates interaction with Stonin 2. The second C2 domain mediates phospholipid and inositol polyphosphate binding in a calcium-independent manner.
Cellular Localization	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane Cytoplasmic vesicle, secretory vesicle, chromaffin granule membrane. Synaptic vesicles and chromaffin granules.