

Product datasheet for **TA382256**

Synaptotagmin 4 (SYT4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 38-190 of human SYT4 (NP_065834.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	46kDa/47kDa
Gene Name:	synaptotagmin 4
Database Link:	Entrez Gene 6860 Human Q9H2B2
Background:	Synaptotagmin family member which does not bind Ca ²⁺ (By similarity. Involved in neuronal dense core vesicles (DCVs) mobility through its interaction with KIF1A. Upon increased neuronal activity, phosphorylation by MAPK8/JNK1 destabilizes the interaction with KIF1A and captures DCVs to synapses (By similarity. Plays a role in dendrite formation by melanocytes.
Synonyms:	HsT1192; KIAA1342; SytIV



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Product images:

