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[Primary Antibody]

Recombinant Rabbit Anti-STX1A Monoclonal Antibody

Catalog Number: SLA2312M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	5A11
GeneID:	6804
SWISS:	Q16623
Target:	STX1A
Immunogen:	A synthesized peptide derived from human Syntaxin 1A
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) Flow-Cyt (1:50-100) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	33 kDa
Background:	Plays an essential role in hormone and neurotransmitter calcium-dependent exocytosis and endocytosis.Part of the SNARE (Soluble NSF Attachment Receptor) complex composed of SNAP25, STX1A and VAMP2 which mediates the fusion of synaptic vesicles with the presynaptic plasma membrane. STX1A and SNAP25 are localized on the plasma membrane while VAMP2 resides in synaptic vesicles.

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