

STX1A Rabbit Polyclonal Antibody

Catalog No: #54917

Package Size: #54917-1 50ul #54917-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

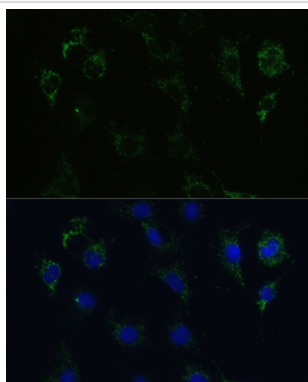
Description

Product Name	STX1A Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Rat
Immunogen Description	Recombinant fusion protein of human STX1A (NP_004594.1).
Other Names	STX1A;HPC-1;P35-1;STX1;SYN1A;syntaxin-1A
Accession No.	Uniprot:Q16623GeneID:6804
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GeneID	6804
Calculated MW	28kDa/29kDa/33kDa
SDS-PAGE MW	33kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

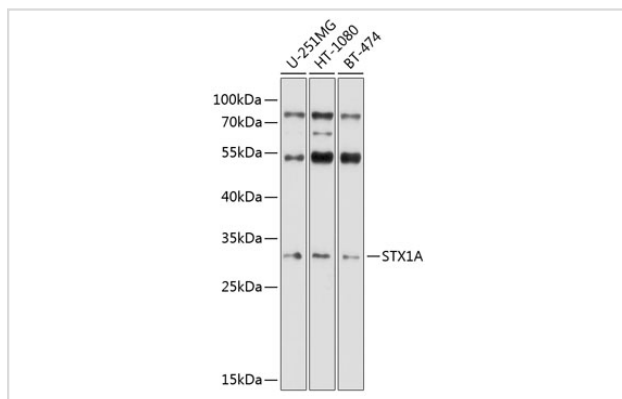
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:100

Images



Immunofluorescence analysis of C6 cells using STX1A Polyclonal Antibody.



Western blot analysis of extracts of various cell lines, using STX1A antibody.

Background

This gene encodes a member of the syntaxin superfamily. Syntaxins are nervous system-specific proteins implicated in the docking of synaptic vesicles with the presynaptic plasma membrane. Syntaxins possess a single C-terminal transmembrane domain, a SNARE [Soluble NSF (N-ethylmaleimide-sensitive fusion protein)-Attachment protein REceptor] domain (known as H3), and an N-terminal regulatory domain (Habc). Syntaxins bind synaptotagmin in a calcium-dependent fashion and interact with voltage dependent calcium and potassium channels via the C-terminal H3 domain. This gene product is a key molecule in ion channel regulation and synaptic exocytosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only