

STX1A Rabbit Polyclonal Antibody

Catalog No: #55378

Package Size: #55378-1 50ul #55378-2 100ul

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

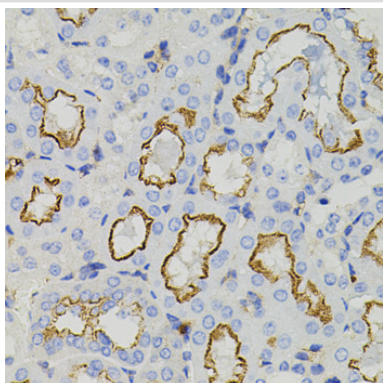
Description

Product Name	STX1A Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Mouse,Rat
Immunogen Description	A synthetic peptide of human STX1A
Conjugates	Unconjugated
Other Names	STX1A;HPC-1;P35-1;STX1;SYN1A;syntaxin-1A
Accession No.	Swiss Prot:Q16623GenelD:6804
Calculated MW	28kDa/29kDa/33kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

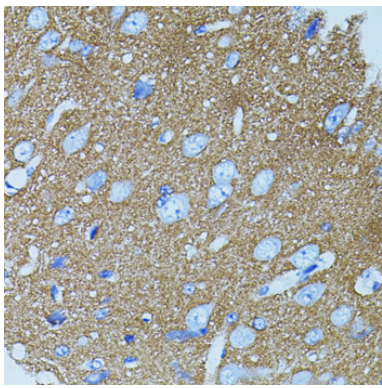
Application Details

WB□1:500 - 1:2000IHC□1:100 - 1:200IF□1:50 - 1:200

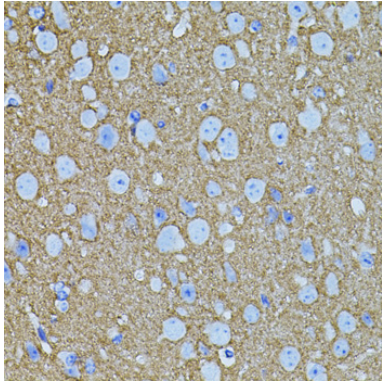
Images



Immunohistochemistry of paraffin-embedded mouse kidney using STX1A (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using STX1A (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using STX1A (40x lens).

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 and is not intended for use in humans or animals.