

Product Name: Syntaxin 1A Rabbit Monoclonal Antibody
Catalog #: AMRe87650

Summary

Production Name	Syntaxin 1A Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, FC, IP
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	Syntaxin 1A
Alternative Names	STX1; HPC-1; P35-1; SYN1A
Gene ID	6804, 20907, 116470
SwissProt ID	Q16623, O35526, P32851.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:200-1:2000 ICC/IF: 1:50 FC: 1:200-1:500 IP: 1:20-1:50
Molecular Weight	Calculated MW:33 kDa; Observed MW:33 kDa

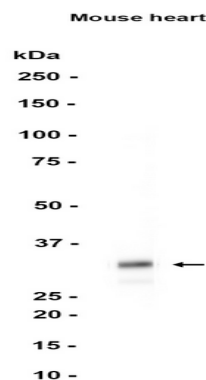
Background

Product Name: Syntaxin 1A Rabbit Monoclonal Antibody
Catalog #: AMRe87650

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.[provided by RefSeq, Sep 2009]

Research Area

Image Data



Western blot analysis of extracts from Mouse brain tissue using AMRe87650 at 1:1000.

Note

For research use only.