

Syntaxin 1A Rabbit pAb

db23043

Package : 20µL 50µL 100µL

Product Name : Syntaxin 1A Rabbit pAb**Cat.No.:** db23043**Synonyms** : STX1; HPC-1; P35-1; SYN1A**Application** : WB, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by RefSeq, Sep 2009]

Immunogen

A synthetic peptide of human Syntaxin 1a

Gene ID

6804

Swiss Prot

Q16623

Synonyms

STX1; HPC-1; P35-1; SYN1A

Reactivity

Human, Mouse, Rat

Application

WB, FC, IP

Recommended dilution

WB: 1:2000-1:10000

FC: 1:20

IP: 1:20

Calculated MW

33 kDa

Observed MW

33 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.