

## Syntaxin 1A Rabbit pAb

db23511

Package : 20µL 50µL 100µL

**Product Name** : Syntaxin 1A Rabbit pAb**Cat.No.:** db23511**Synonyms** : STX1; HPC-1; P35-1; SYN1A**Application** : WB, IHC, ICC/IF, 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**

Recombinant protein of human Syntaxin 1A

**Gene ID**

6804, 20907, 116470

**Swiss Prot**

Q16623, O35526, P32851

**Synonyms**

STX1; HPC-1; P35-1; SYN1A

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC: 1:1000

ICC/IF: 1:20

FC: 1:200

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. |