

## Synapsin I Rabbit pAb

db24398

Package : 20µL 50µL 100µL

**Product Name** : Synapsin I Rabbit pAb**Cat.No.:** db24398**Synonyms** : SYN1; SYN1a; SYN1b**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. This member of the synapsin family plays a role in regulation of axonogenesis and synaptogenesis. The protein encoded serves as a substrate for several different protein kinases and phosphorylation may function in the regulation of this protein in the nerve terminal. Mutations in this gene may be associated with X-linked disorders with primary neuronal degeneration such as Rett syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Synapsin I

**Gene ID**

6853, 20964, 24949

**Swiss Prot**

P17600, O88935, P09951

**Synonyms**

SYN1; SYN1a; SYN1b

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**WB: 1:1000  
IHC: 1:1000  
ICC/IF: 1:200  
FC: 1:20  
IP: 1:20**Calculated MW**

74 kDa

**Observed MW**

77 kDa

**Host species**

Rabbit

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.