

Synapsin 2 Rabbit pAb

db21013

Package : 20µL 50µL 100µL

Product Name : Synapsin 2 Rabbit pAb**Cat.No.:** db21013**Synonyms** : SYNII**Application** : WB, IHC**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 encodes a neuron-specific phosphoprotein that selectively binds to small synaptic vesicles in the presynaptic nerve terminal. Polymorphisms in this gene are associated with abnormal presynaptic function and related neuronal disorders, including autism, epilepsy, bipolar disorder and schizophrenia. Alternative splicing of this gene results in multiple transcript variants. The tissue inhibitor of metalloproteinase 4 gene is located within an intron of this gene and is transcribed in the opposite direction. [provided by RefSeq, Feb 2014]

Immunogen

A synthetic peptide of human SYN2

Gene ID

6854

Swiss Prot

Q92777

Synonyms

SYNII

Reactivity

Human, Mouse, Rat

Application

WB, IHC

Recommended dilution

WB: 1:5000

IHC: 1:50

Calculated MW

63 kDa

Observed MW

63 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.