

SYN1

Reactivity:Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:77kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human SYN1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SYN1a;SYN1b;SYNI;

Catalog #:A5247

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:6853

Isotype:IgG

Swiss Prot:P17600

Purity:Affinity purification

For research use only.

Background:

SYN1, also named as Brain protein 4.1, belongs to the synapsin family. SYN1 is a neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxid functions at a presynaptic level. Defects in SYN1 are a cause of epilepsy X-linked with variable learning disabilities and behavior disorders (XELBD). The antibody is special to SYN1.

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