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SYN1 Polyclonal Antibody

Cat #: G-AB-01731

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: NP_008881

Immunogen: Synthetic peptide of human SYN1

Conjugation: Unconjugated

Swissprot: P17600

Calculated Molecular Weight: 74 kDa

Observed Molecular Weight:

Concentration: 1.3 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:500-1:2000, IHC 1:50-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.