



Synapsin-1 Antibody

E20-75737

Catalog No:E20-75737**Applications:**WB,ELISA**Reactivity:**Human,Mouse,Rat**Gene Name:**SYN1**Protein Name:**Synapsin-1**Human Gene Id:**6853**Human Swiss Prot No:**P17600**Mouse Gene Id:**20964**Mouse Swiss Prot No:**O88935**Rat Swiss Prot No:**P09951**Immunogen:**Synthesized peptide derived from the Internal region of human Synapsin-1.**Specificity:**Synapsin-1 Polyclonal Antibody detects endogenous levels of Synapsin-1 protein.**Formulation:**Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.**Source:**Rabbit**Dilution:**Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.**Purification:**The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Concentration:**1 mg/ml**Storage Stability:**-20°C/1 year**Other Names:**SYN1; Synapsin-1; Brain protein 4.1; Synapsin I**Observed Band(KD):**75**Background:**synapsin I(SYN1) Homo sapiens This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles.

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Function:disease:Defects in SYN1 are a cause of epilepsy X-linked with variable learning disabilities and behavior disorders [MIM:300491]. XELBD is characterized by variable combinations o

Subcellular Location:synaptonemal complex,Golgi apparatus, cytosol, synaptic vesicle, postsynaptic density, cell junction, dendrite, synaptic vesicle membrane,terminal bouton, myelin sheath, presynaptic active zone.

Expression:Brain,Brain cortex.

