

Product Datasheet

Phospho-Synapsin I (S9) Antibody

Catalog No: CY5662

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P17600

All Names: Brain protein 4.1; SYN-1; synapsin I;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 77 kDa

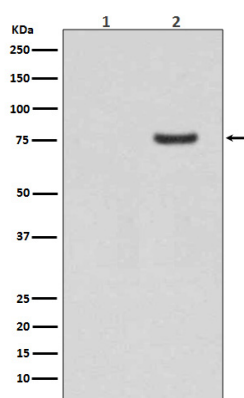
Application

WB: 1:500~1:2000

IHC: 1:50~1:200

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.



Western blot analysis of Phospho-Synapsin I (S9) expression in (1) Human brain lysate untreated; (2) Human brain lysate treated with AP.

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