

Product Datasheet

Synaptophysin Antibody



Catalog No: CY5245

Reactivity: Human, Mouse ,Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF

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Information

UniProt ID: P08247

All Names: Major synaptic vesicle protein p38; MRXSYP; Synaptophysin; SYP; SYPH

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.: 38 kDa

Application

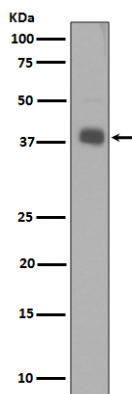
WB 1:5000~1:10000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

SYP Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity. Belongs to the synaptophysin/synaptobrevin family. Homohexamer or homotetramer. Note: This description may include information from UniProtKB.



Western blot analysis of Synaptophysin expression in SH-SY5Y cell lysate.

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