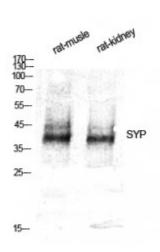


Anti-SYP antibody



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Description Rabbit polyclonal to SYP.

Model STJ95865

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human SYP

Immunogen Region 70-150 aa, Internal

Gene ID <u>6855</u>

Gene Symbol SYP

Dilution range WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000

Specificity SYP Polyclonal Antibody detects endogenous levels of SYP protein.

Tissue Specificity Characteristic of a type of small (30-80 nm) neurosecretory vesicles, including

presynaptic vesicles, but also vesicles of various neuroendocrine cells of both

neuronal and epithelial phenotype.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Synaptophysin Major synaptic vesicle protein p38

Molecular Weight 38 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:11506OMIM:300802</u>

Alternative Names Synaptophysin Major synaptic vesicle protein p38

Function 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 .

Sequence and Domain Family The calcium-binding activity is thought to be localized in the cytoplasmic tail

of the protein.

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Multi-pass

membrane protein. Cell junction, synapse, synaptosome.

Post-translational Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent

Modifications proteasomal degradation.

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