

Immunotag™ Synapsin Antibody

| Antibody Specification | |
|------------------------|---|
| Catalog No. | ITA1802 |
| Product Description | Immunotag™ Synapsin Antibody |
| Size | 100 µg, 200 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | Synapsin |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IF/ICC,ELISA |
| Recommended Dilution | WB 1:500-1:2000, IF/ICC 1:100-1:500 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human Synapsin |
| Specificity | Synapsin Antibody detects endogenous levels of total Synapsin |
| Purification | The antiserum was purified by peptide affinity chromatography. |
| Form | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt |
| Gene Name | SYN1 |
| Accession No. | P17600 |
| Alternate Names | Brain protein 4.1; SYN 1; SYN 1a; SYN 1b; SYN I; SYN1; SYN1_HUMAN; SYN1a; SYN1b; Synapsin 1; Synapsin I; Synapsin-1; Synapsin1; SynapsinI; SYN1; |
| Description | Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxid functions at a presynaptic level. |

Antibody Specification

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| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 77kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |