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Immunotag™ Phospho-Synapsin (Ser9) Antibody

Antibody Specification

Catalog No.	ITA0972
Product Description	Immunotag™ Phospho-Synapsin (Ser9) 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	Phospho-Synapsin (Ser9)
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 around the phosphorylation site of Serine 9
Specificity	Phospho-Synapsin (Ser9) Antibody detects endogenous levels of Synapsin only when phosphorylated at Serine 9
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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; SYNI;

Antibody Specification

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