

Rabbit Anti-SYN1 Polyclonal Antibody

CPB-1144RH Rabbit(SYN1)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-SYN1 Polyclonal Antibody
Antigen Description	Neuronal phohoprotein 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.
specificity	The antibody detects endogenous level of total SYN1 protein.
Target	SYN1
Immunogen	Peptide sequence around aa.7~11 (R-L-S-D-S) derived from Human SYN1.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	WB

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C /1 year

ANTIGEN GENE INFORMATION

Gene Name	SYN1 synapsin I [Homo sapiens]
Official Symbol	SYN1
Synonyms	SYN1; synapsin I; synapsin-1; brain protein 4.1; SYN1; SYN1a; SYN1b;
GeneID	6853
mRNA Refseq	NM_006950
Protein Refseq	NP_008881
MIM	313440
UniProt ID	P17600
Chromosome Location	Xp11.2
Pathway	Dopamine Neurotransmitter Release Cycle, organism-specific biosystem; Monoamine Transport, organism-specific biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter Release Cycle, organism-specific biosystem; Serotonin Neurotransmitter Release Cycle, organism-specific biosystem; Transmission across Chemical Synapses, organism-specific biosystem;
Function	ATP binding; actin binding; ligase activity; transporter activity;