

Rabbit Anti-STMN1 Polyclonal Antibody

CPB-772RH Rabbit(STMN1)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-STMN1 Polyclonal Antibody
Antigen Description	Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly and promotes disassembly of microtubules. Phosphorylation at Ser-16 may be required for axon formation during neurogenesis. Involved in the control of the learned and innate fear.
specificity	The antibody detects endogenous level of STMN1 only when phosphorylated at serine 16.
Target	STMN1
Immunogen	Peptide sequence around phosphorylation site of serine 16 (R-A-S(p)-G-Q) derived from Human STMN1.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	N/A

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C /1 year

ANTIGEN GENE INFORMATION

Gene Name	STMN1 stathmin 1 [Homo sapiens]
Official Symbol	STMN1
Synonyms	STMN1; stathmin 1; C1orf215, chromosome 1 open reading frame 215, LAP18, stathmin 1/oncoprotein 18; stathmin; FLJ32206; Lag; oncoprotein 18; OP18; PP17; PP19; PR22; SMN; prosolin; metablastin; phosphoprotein 19; phosphoprotein p19; stathmin 1/oncoprotein 18; transmembrane protein C1orf215; leukemia-associated phosphoprotein p18; LAP18; C1orf215; MGC138869; MGC138870;
GeneID	3925
mRNA Refseq	NM_001145454
Protein Refseq	NP_001138926
MIM	151442
UniProt ID	P16949
Chromosome Location	1p36.11

Pathway	Aurora B signaling, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Signaling mediated by p38-gamma and p38-delta, organism-specific biosystem;
Function	signal transducer activity; tubulin binding;