

## Rabbit Anti-STMN1 Polyclonal Antibody

CPB-1117RH Rabbit(STMN1)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Anti-STMN1 Polyclonal Antibody
<b>Antigen Description</b>	Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly and promotes diassembly of microtubules. Phosphorylation at Ser-16 may be required for axon formation during neurogenesis. Involved in the control of the learned and innate fear.
<b>specificity</b>	The antibody detects endogenous level of total STMN1 protein.
<b>Target</b>	STMN1
<b>Immunogen</b>	Peptide sequence around aa.14~18 (R-A-S-G-Q) derived from Human STMN1.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Cross Reactivity</b>	Human; Mouse; Rat
<b>conjugation</b>	N/A
<b>Applications</b>	WB,IHC

### PACKAGING

<b>Format</b>	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.
<b>Storage</b>	Store at -20°C /1 year

### ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">STMN1 stathmin 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	STMN1
<b>Synonyms</b>	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;
<b>GeneID</b>	<a href="#">3925</a>
<b>mRNA Refseq</b>	<a href="#">NM_001145454</a>
<b>Protein Refseq</b>	<a href="#">NP_001138926</a>
<b>MIM</b>	<a href="#">151442</a>
<b>UniProt ID</b>	P16949
<b>Chromosome Location</b>	1p36.11

<b>Pathway</b>	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;
<b>Function</b>	signal transducer activity; tubulin binding;