



# Rabbit Anti-Human STMN1 (Phospho-Ser62) polyclonal antibody (CABT-L4133)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody detects endogenous levels of STMN1 only when phosphorylated at Ser62.
<b>Specificity</b>	Target Modification: Phospho. Modification Sites: Human: S62; Mouse: S63; Rat: S63
<b>Target</b>	Human STMN1 (Phospho-Ser62)
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human STMN1 around the phosphorylation site of Ser62. Immunogen range: 26-75
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, ELISA
<b>Molecular Weight</b>	17 kDa
<b>Preparation</b>	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific

<b>Size</b>	100 µl
<b>Buffer</b>	Rabbit IgG in PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl and 50% glycerol.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Stable at -20°C for at least 1 year.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Keywords</b>	STMN1;stathmin 1;Lag;SMN;OP18;PP17;PP19;PR22;LAP18;C1orf215;stathmin;prosolin;metablastin;oncoprotein 18;phosphoprotein 19;phosphoprotein p19;stathmin 1/oncoprotein 18;transmembrane protein C1orf215;leukemia-associated phosphoprotein p18;

## GENE INFORMATION

<b>Gene Name</b>	STMN1 stathmin 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	STMN1
<b>Synonyms</b>	LAG, LAP18, Leukemia-associated gene protein, Leukemia-associated phosphoprotein p18, Metablastin, Oncoprotein 18, Op18, Phosphoprotein p19, pp17, pp19, PR22, Pr22 protein, Prosolin, stathmin, STN1
<b>Entrez Gene ID</b>	<a href="#">3925</a>
<b>UniProt ID</b>	<a href="#">P16949</a>