



Rabbit Anti-Human STMN1 (Phospho-Ser37) polyclonal antibody (CABT-L4132)

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

PRODUCT INFORMATION

Product Overview	This antibody detects endogenous levels of Stathmin 1 only when phosphorylated at Ser37.
Specificity	Target Modification: Phospho. Modification Sites: Human: S38; Mouse: S38; Rat: S38
Target	Human Stathmin 1 (Phospho-Ser37)
Immunogen	The antiserum was produced against synthesized peptide derived from human Stathmin 1 around the phosphorylation site of Ser37. Immunogen range: 5-54
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Molecular Weight	17 kDa
Preparation	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.
Format	Liquid
Concentration	Lot specific

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

BACKGROUND

Introduction	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.
Keywords	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

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