

Rabbit Stathmin 1 Polyclonal Antibody | anti-STMN1 antibody

Stathmin 1 (Phospho-Ser16) Antibody

CATALOG # AAA303622	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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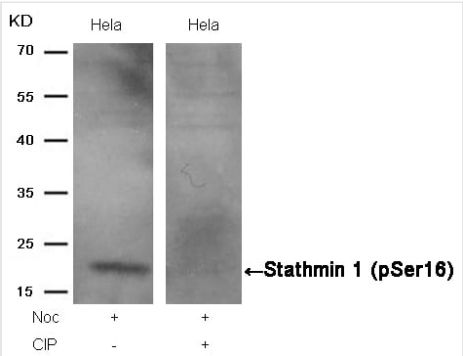
PRODUCT SYNONYMS

Stathmin 1; Polyclonal Antibody; Stathmin 1 (Phospho-Ser16) Antibody; STMN1; STN1; stathmin; anti-STMN1 antibody

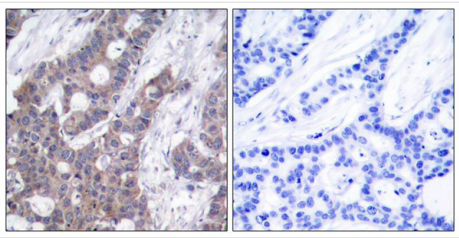
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of Stathmin 1 only when phosphorylated at serine 16.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/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.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	174
Applicable Applications for anti-STMN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 16 (R-A-S(p)-G-Q) derived from Human Stathmin 1.
Modification	Phospho-Ser16
Target Name	Stathmin1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

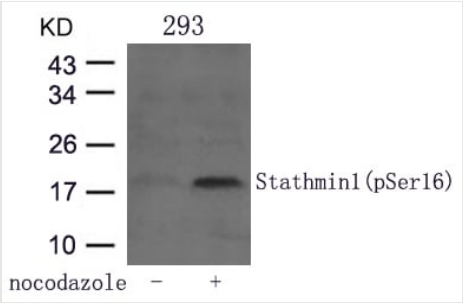
IMAGES



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, treated with Noc or calf intestinal phosphatase (CIP), using Stathmin 1 (Phospho-Ser16) Antibody.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Stathmin 1(Phospho-Ser16) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from 293 cells untreated or treated with Nocodazol using Stathmin 1(Phospho-Ser16) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STMN1 antibody	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
Product Categories/Family for anti-STMN1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	224451142
NCBI GeneID	3925
NCBI Accession #	NP_001138926.1
NCBI GenBank Nucleotide #	NM_001145454.2
UniProt Accession #	P16949; A2A2D1; B2R4E7; B7Z8N4; D3DPJ5
Molecular Weight	19,824 Da
NCBI Official Full Name	stathmin isoform b
NCBI Official Synonym Full Names	stathmin 1
NCBI Official Symbol	STMN1
NCBI Official Synonym Symbols	Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215
NCBI Protein Information	stathmin

UniProt Protein Name	Stathmin
UniProt Gene Name	STMN1
UniProt Synonym Gene Names	C1orf215; LAP18; OP18; Op18; pp19
UniProt Entry Name	STMN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/stathmin-1-antibody-immunohistochemistry-western-blot-elisa/303622>