

Stathmin 1 Polyclonal Antibody | anti-STMN1 antibody

Anti-Stathmin 1 Antibody

CATALOG # AAA46471	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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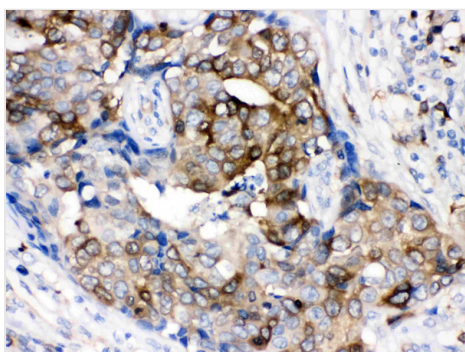
PRODUCT SYNONYMS

Stathmin 1; Polyclonal Antibody; Anti-Stathmin 1 Antibody; Stathmin; C1orf215; Lag; LAP 18; LAP18; Leukemia associated phosphoprotein p18; Leukemia-associated phosphoprotein p18; Metablastin; Oncoprotein 18; OP 18; OP18; p18; p19; Phosphoprotein 19; Phosphoprotein p19; PP17; PP19; PR22; Pr22 protein; Prosolin; Protein Pr22; SMN; Stathmin1; STMN 1; STMN1; STMN1_HUMAN; stathmin 1; anti-STMN1 antibody

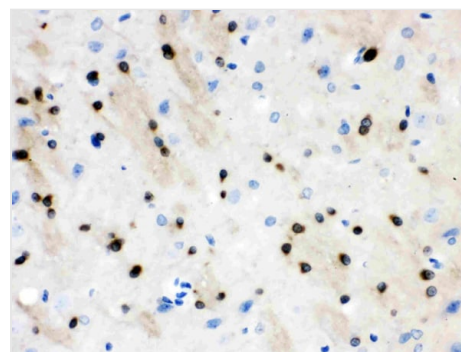
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	174
Applicable Applications for anti-STMN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Stathmin 1 (2-34aa ASSDIQVKELEKRASGQAFELILSPRSKESVPE), different from the related mouse sequence by one amino acid, and identical to the related rat sequence.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

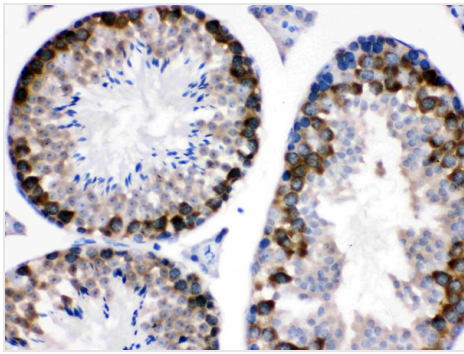
IMAGES



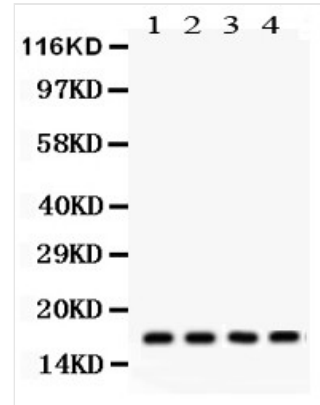
IHC (Immunohistochemistry)
nti- Stathmin 1 Picoband antibody, AAA46471, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
nti- Stathmin 1 Picoband antibody, AAA46471, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti-Stathmin 1 Picoband antibody, AAA46471, IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)
Anti-Stathmin 1 Picoband antibody, AAA46471, Western blottingAll lanes: Anti Stathmin 1 (AAA46471) at 0.5ug/mlLane 1: Mouse Brain Tissue Lysate at 50ugLane 2: Mouse Testis Tissue Lysate at 50ugLane 3: MM231 Whole Cell Lysate at 40ugLane 4: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 17KDObserved bind size: 17KD

ADDITIONAL INFORMATION

Related Product Information for anti-STMN1 antibody	Description: Rabbit IgG polyclonal antibody for Stathmin(STMN1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Stathmin 1/oncoprotein 18, also known as STMN1, is a highly conserved 17 kDa protein. 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.
References	1. Cassimeris L (February 2002). "The oncoprotein 18/stathmin family of microtubule destabilizers". Curr. Opin. Cell Biol. 14 (1): 18-24. 2. Clément MJ, Jourdain I, Lachkar S, Savarin P, Gigant B, Knossow M, Toma F, Sobel A, Curmi PA (November 2005). "N-terminal stathmin-like peptides bind tubulin and impede microtubule assembly". Biochemistry 44 (44): 14616-25. 3. Jourdain L, Curmi P, Sobel A, Pantaloni D, Carlier MF (September 1997). "Stathmin: a tubulin-sequestering protein which forms a ternary T2S complex with two tubulin molecules". Biochemistry 36 (36): 10817-21.

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://stage.aaabiotech.com/polyclonal/stathmin-1-antibody-immunohistochemistry-western-blot-elisa/46471>