

Stathmin 1 Antibody | anti-STN1 antibody

Stathmin 1 (Phospho-Ser37) Antibody

CATALOG # AAA111120	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	--	---

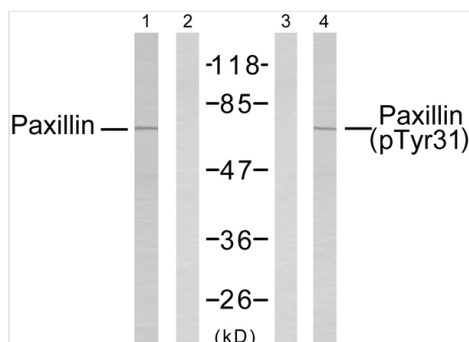
PRODUCT SYNONYMS

Stathmin 1; Stathmin 1 (Phospho-Ser37) Antibody; stathmin 1; LAG; LAP18; Leukemia-associated gene protein; Leukemia-associated phosphoprotein p18; Metablastin; Oncoprotein 18; Op18; PR22; Phosphoprotein p19; Pr22 protein; ProsoLin; pp17; pp19; stathmin; anti-STN1 antibody

PRODUCT SPECIFICATIONS

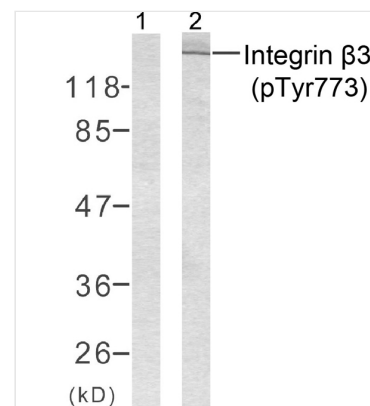
Reactivity	Human, Mouse, Rat
Specificity	Stathmin 1 (phospho-Ser37) antibody detects endogenous levels of Stathmin 1 only when phosphorylated at serine 37.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	174
Applicable Applications for anti-STN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Stathmin 1 around the phosphorylation site of serine 37 (P-L-SP-P-P).
All Sites	Human: Ser37 Mouse: Ser37 Rat: Ser37
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



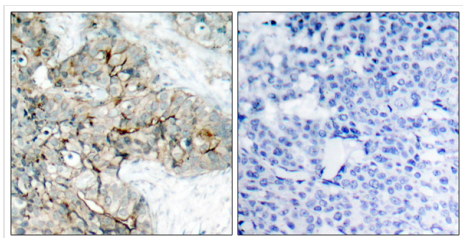
WB (Western Blot)

Western blot analysis of extracts from SK-OV3 cells untreated or estradiol-treated (0.1μM, 20min), using Paxillin (Ab-31) antibody and Paxillin (phospho-Tyr31) antibody.



WB (Western Blot)

Western blot analysis of extracts from HL-60 cells using Integrin beta3 (phospho-Tyr773) antibody.



IHC (Immunohistochemistry)
P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Integrin beta3 (phospho-Tyr773) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-STN1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Wang KK, et al. (1991) Biochem J 279(Pt 2): 537-544. Sekimoto T, et al. (2004) EMBO J 23(9): 1934-1942. Doye V, et al. (1992) Biochem J 287(Pt 2): 549-554. Larsson N, et al. (1999) Mol Cell Biol 19(3): 2242-2250.

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

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.