Stathmin1(Phospho-Ser16) Antibody

Catalog No: #11234

Package Size: #11234-1 50ul #11234-2 100ul #11234-4 25ul

Overview

Product Name	Stathmin1(Phospho-Ser16) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	Stathmin1
Modification	Phospho-Ser16
Alternative Names	STMN1; STN1; stathmin

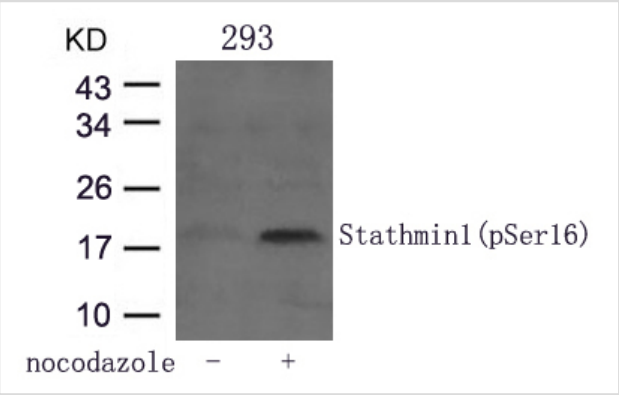
Application Details

Predicted MW: 19kd

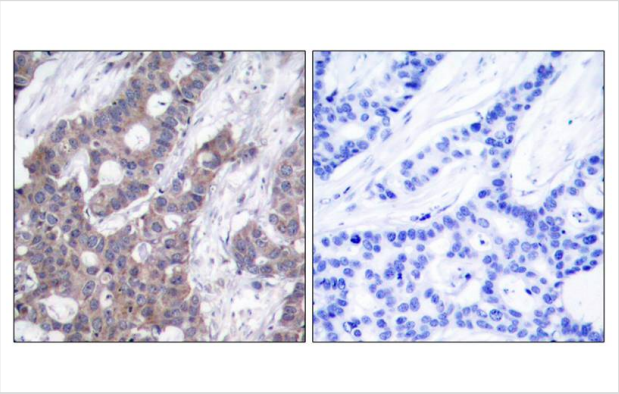
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

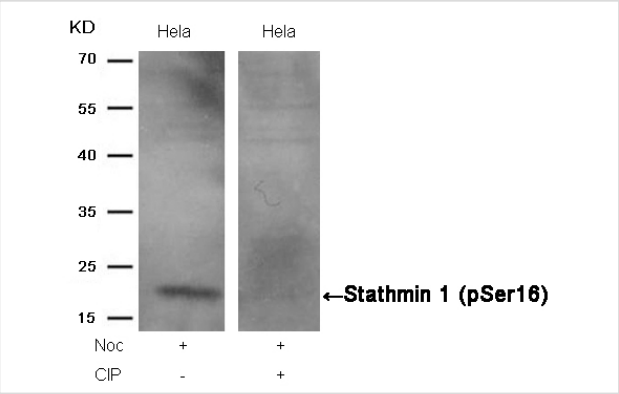
Images



Western blot analysis of extracts from 293 cells untreated or treated with Nocodazol using Stathmin 1(Phospho-Ser16) Antibody #11234.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Stathmin 1(Phospho-Ser16) Antibody #11234(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from Hela cells, treated with Noc or calf intestinal phosphatase (CIP), using Stathmin 1 (Phospho-Ser16) Antibody #11234.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 16 (R-A-S(p)-G-Q) derived from Human Stathmin 1.
Specificity	The antibody detects endogenous level of Stathmin 1 only when phosphorylated at serine 16.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P16949NCBI Protein: NP_001138926.1

Related Information

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

Larsson N, et al. (1999) Mol Cell Biol; 19(3): 2242-2250

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.