Stathmin1(Ab-25) Antibody

Catalog No: #21217

Package Size: #21217-1 50ul #21217-2 100ul #21217-4 25ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Stathmin1(Ab-25) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Stathmin 1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 23~27 (I-L-S-P-R) derived from Human Stathmin 1.
Target Name	Stathmin1
Other Names	STMN1; STN1; stathmin
Accession No.	Swiss-Prot: P16949NCBI Protein: NP_001138926.1
Concentration	1.0mg/ml
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.

Application Details

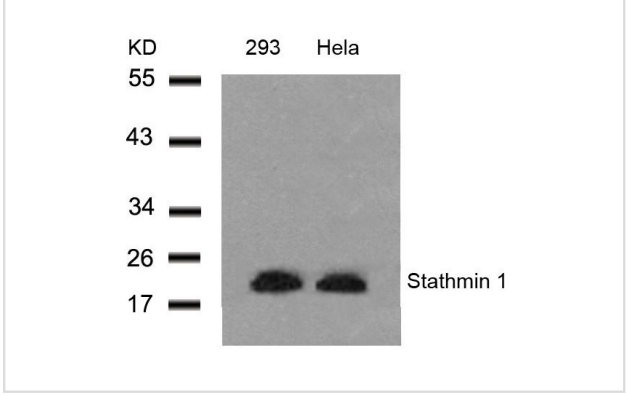
Predicted MW: 19kd

Western blotting: 1:500~1:1000

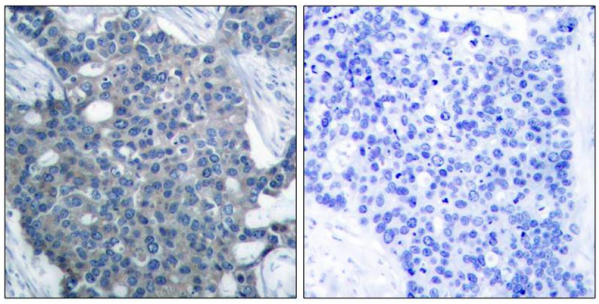
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

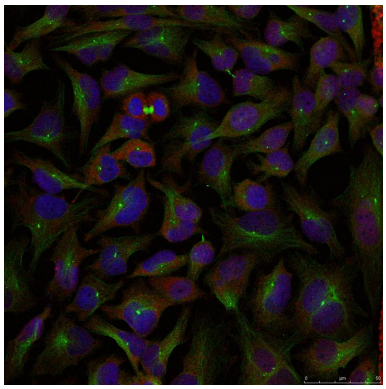
Images



Western blot analysis of extracts from 293 and Hela cells using Stathmin 1(Ab-25) Antibody #21217.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Stathmin 1(Ab-25) Antibody #21217(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using Stathmin 1(Ab-25) Antibody #21217.

Background

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

Boehm M, et al. (2002) EMBO J 21(13): 3390-3401.
Vadlamudi RK, et al. (2005) Mol Cell Biol 25(9): 3726-3736.
Zilfou JT, et al. (2001) Mol Cell Biol 21(12): 3974-3985.
Biernat J, et al. (2002) Mol Biol Cell 13(11): 4013-4028.

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