

stathmin1(Ab-62) Antibody

Catalog No: #21518

Package Size: #21518-1 50ul #21518-2 100ul

Description

Product Name	stathmin1(Ab-62) 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
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.60~64 (R-K-S-H-E) derived from Human Stathmin 1.
Conjugates	Unconjugated
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 Mg ²⁺ and Ca ²⁺), 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.

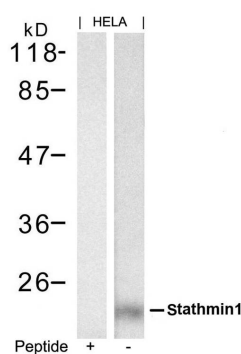
Application Details

Predicted MW: 19kd

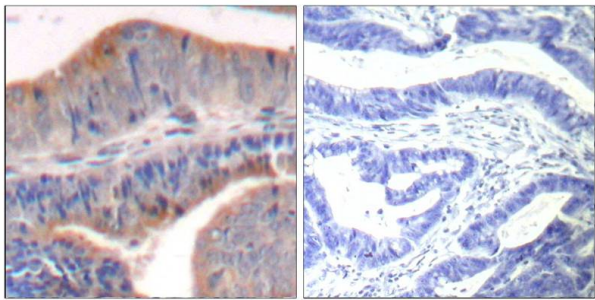
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Hela cells using stathmin1(Ab-62) Antibody #21518 and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using stathmin1(Ab-62) Antibody #21518(left) or the same antibody preincubated with blocking peptide(right).

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

Marklund, U. et al. (1994) Eur. J. Biochem. 225, 53-60.

Gavet, O. et al. (1998) J. Cell Sci. 111, 3333-3346.

Di Paolo, G. et al. (1996) J. Cell. Biol. 133, 1383-1390.

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