

## stathmin1(Ab-62) Antibody

Catalog No: #21518



Package Size: #21518-1 50ul #21518-2 100ul #21518-4 25ul

## Overview

Product Name	stathmin1(Ab-62) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	stathmin1
Alternative Names	STMN1; STN1; stathmin

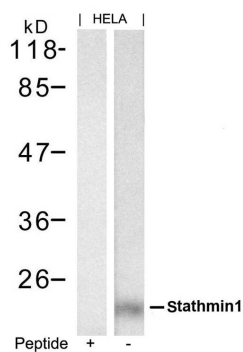
## Application Details

Predicted MW: 19kd

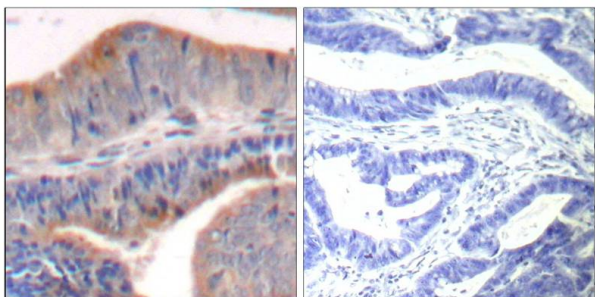
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from 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).

## Descriptions

Immunogen	Peptide sequence around aa.60~64 (R-K-S-H-E) derived from Human Stathmin 1.
Specificity	The antibody detects endogenous level of total Stathmin 1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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

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.