Stathmin1(Phospho-Ser38) Antibody

Catalog No: #11225

Package Size: #11225-1 50ul #11225-2 100ul #11225-4 25ul

Overview

Product Name	Stathmin1(Phospho-Ser38) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	Stathmin1
Modification	Phospho-Ser38
Alternative Names	STMN1; STN1; stathmin

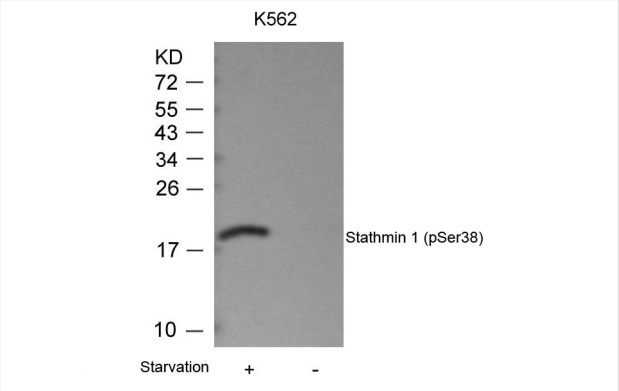
Application Details

Predicted MW: 19kd

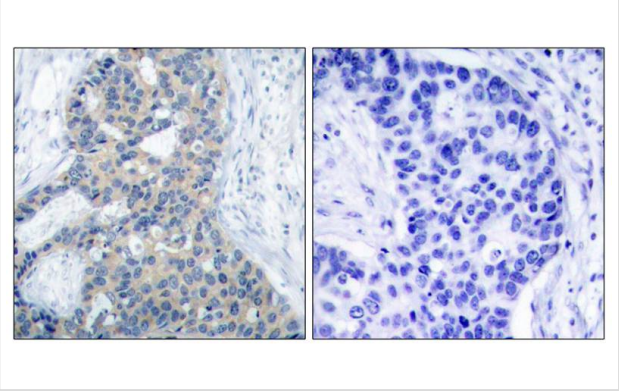
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells untreated or treated with starvation using Stathmin 1(Phospho-Ser38) Antibody #11225.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Stathmin 1(Phospho-Ser38) Antibody #11225(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 38 (P-L-S(p)-P-P) derived from Human Stathmin 1.
Specificity	The antibody detects endogenous level of Stathmin 1 only when phosphorylated at serine 38.
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

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.

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