

## 35-1556: Polyclonal Antibody to Stathmin 1 (Ab-38)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC,IF
<b>Reactivity :</b>	Human,Rat
<b>Gene :</b>	STMN1
<b>Gene ID :</b>	3925
<b>Uniprot ID :</b>	P16949
<b>Format :</b>	Purified
<b>Alternative Name :</b>	STMN1, STN1, stathmin
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa. 36~40 (P-L-S-P-P) derived from Human Stathmin 1.

### Description

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

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	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.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 19kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

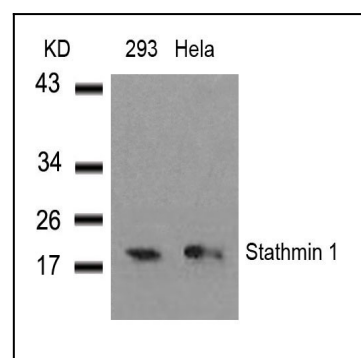


Figure 1: Western blot analysis of extracts from 293 and HeLa cells using Stathmin 1(Ab-38) Antibody 35-1556 .

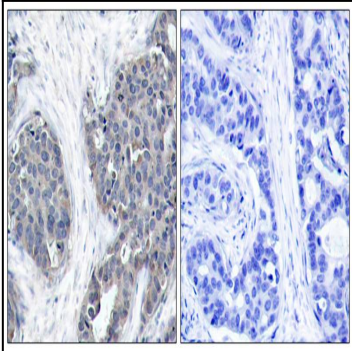


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Stathmin 1(Ab-38) Antibody 35-1556 (left) or the same antibody preincubated with blocking peptide(right).

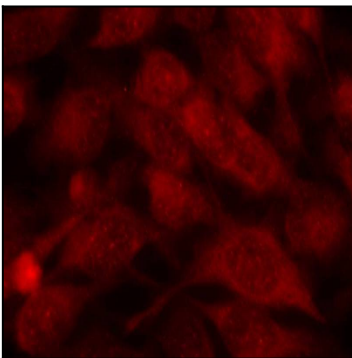


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells using Stathmin 1(Ab-38) Antibody 35-1556 .