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35-1210: Polyclonal Antibody to Stathmin 1 (Phospho-Ser25)

Clonality: Polyclonal Application: WB,IHC

Reactivity: Human, Mouse, Rat

Gene : STMN1
Gene ID : 3925
Uniprot ID : P16949
Format : Purified

Alternative Name: STMN1, STN1, stathmin

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of serine 25 (I-L-S(p)-P-R) 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

Amount : 50 μl / 100 μl

Content: 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 condition : 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

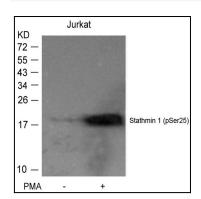


Figure 1: Western blot analysis of extracts from Jurkat cells untreated or treated with PMA using Stathmin 1(Phospho-Ser25) Antibody 35-1210 .



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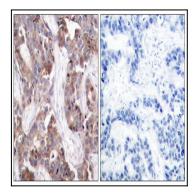


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Stathmin 1(Phospho-Ser25) Antibody 35-1210 (left) or the same antibody preincubated with blocking peptide(right).