

# Stathmin (Phospho Ser38) Rabbit pAb

CatalogNo: YP1517

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, IHC

### MW

- 20kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:50-300**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized phospho peptide around human Stathmin (Ser38)

**Specificity** This antibody detects endogenous levels of Human Stathmin (phospho-Ser38)

## Target Information

**Gene name** STMN2 SCG10 SCGN10

**Protein Name**

Stathmin (Ser38)

Organism	Gene ID	UniProt ID
Human	<a href="#">11075;</a>	<a href="#">Q93045;</a>
Mouse	<a href="#">20257;</a>	<a href="#">P55821;</a>
Rat	<a href="#">84510;</a>	<a href="#">P21818;</a>

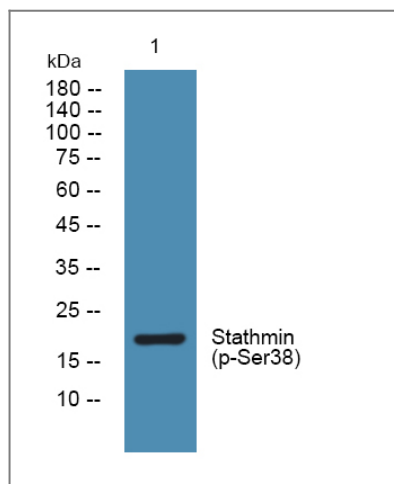
**Cellular Localization**

Cytoplasm . Cytoplasm, perinuclear region . Cell projection, growth cone. Membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, axon. Golgi apparatus. Endosome . Cell projection, lamellipodium. Associated with punctate structures in the perinuclear cytoplasm, axons, and growth cones of developing neurons. SCG10 exists in both soluble and membrane-bound forms. Colocalized with CIB1 in neurites of developing hippocampal primary neurons (By similarity). Colocalized with CIB1 in the cell body, neuritis and growth cones of neurons. Colocalized with CIB1 to the leading edge of lamellipodia. .

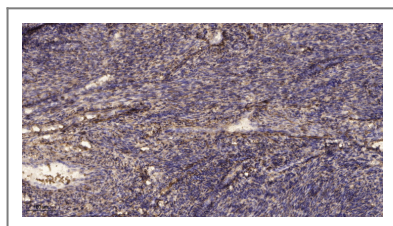
**Tissue specificity** Neuron specific.

**Function**

Function:May play a role in neuronal differentiation, and in modulating membrane interaction with the cytoskeleton during neurite outgrowth.,PTM:Sumoylated.,similarity:Belongs to the stathmin family.,subcellular location:Associated with punctate structures in the perinuclear cytoplasm, axons, and growth cones of developing neurons. SCG10 exists in both soluble and membrane-bound forms.,tissue specificity:Neuron specific.,

**Validation Data**

Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°C over night



Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).

## | Contact information

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**Stathmin (Phospho Ser38) Rabbit pAb**

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