

Stathmin (Phospho Ser16) Rabbit pAb

CatalogNo: YP1516

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, 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

ELISA 1:2000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human Stathmin (Ser16)

Specificity This antibody detects endogenous levels of Human Mouse Rat Stathmin (phospho-Ser16)

Target Information

Gene name STMN2 SCG10 SCGN10

Protein Name

Stathmin (Ser16)

Organism	Gene ID	UniProt ID
Human	11075 ;	Q93045 ;
Mouse	20257 ;	P55821 ;
Rat	84510 ;	P21818 ;

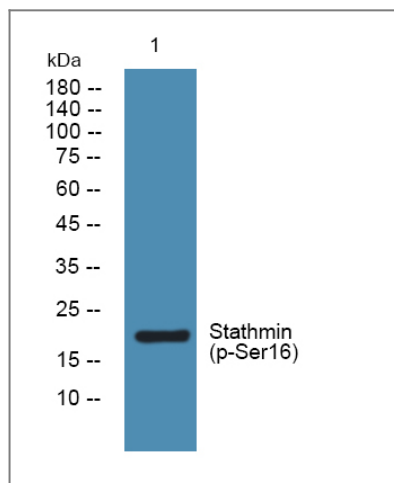
Cellular Localization

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. .

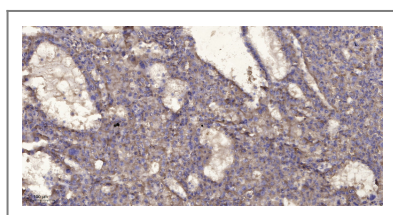
Tissue specificity Neuron specific.**Function**

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 U2OS cells, primary antibody was diluted at 1:1000, 4°C over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).

| Contact information

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Stathmin (Phospho Ser16) Rabbit pAb

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