

# Phospho-Stathmin 1-S38 Rabbit pAb

Catalog No.: AP0221

## Basic Information

### Observed MW

19kDa

### Calculated MW

17kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3925

### Swiss Prot

P16949

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215; Phospho-Stathmin 1-S38

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

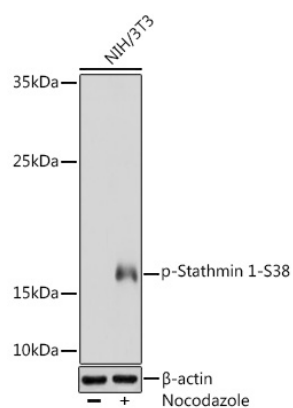
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of lysates from NIH/3T3 cells, using Phospho-Stathmin 1-S38 Rabbit pAb (AP0221) at 1:1000 dilution. NIH/3T3 cells were treated with Nocodazole (50 ng/ml) at 37°C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.