

**Stathmin 1 Antibody**  
Rabbit mAb  
Catalog # AP90464

## Specification

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### Stathmin 1 Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">P16949</a>
Reactivity	Rat
Clonality	Monoclonal

#### Other Names

LAG; LAP18; Leukemia-associated gene protein; Metablastin; Oncoprotein 18; Op18; Phosphoprotein p19; pp17; pp19; PR22; Pr22 protein; Prosolin;SMN;Stathmin1;STMN1;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	17303 Da

### Stathmin 1 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### Stathmin 1 Antibody - Protein Information

**Name** STMN1

**Synonyms** C1orf215, LAP18, OP18

#### Function

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 (By similarity).

### Cellular Location

Cytoplasm, cytoskeleton.

### Tissue Location

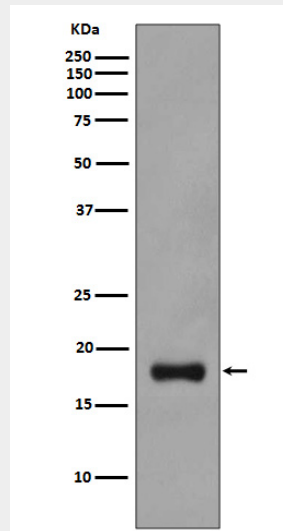
Ubiquitous. Expression is strongest in fetal and adult brain, spinal cord, and cerebellum, followed by thymus, bone marrow, testis, and fetal liver. Expression is intermediate in colon, ovary, placenta, uterus, and trachea, and is readily detected at substantially lower levels in all other tissues examined. Lowest expression is found in adult liver. Present in much greater abundance in cells from patients with acute leukemia of different subtypes than in normal peripheral blood lymphocytes, non-leukemic proliferating lymphoid cells, bone marrow cells, or cells from patients with chronic lymphoid or myeloid leukemia.

### Stathmin 1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Stathmin 1 Antibody - Images



Western blot analysis of Stathmin 1 expression in PC-12 cell lysate.