

Stathmin
Rabbit Monoclonal Antibody (Mab)
Catalog # APA562

Specification

Stathmin - Product Information

Application	IHC
Primary Accession	P16949
Host	Rabbit
Clonality	Monoclonal
Calculated MW	17303 Da

Stathmin - Additional Information

Gene ID	3925
Gene Name	STMN1

Other Names

Stathmin, Leukemia-associated phosphoprotein p18, Metablastin, Oncoprotein 18, Op18, Phosphoprotein p19, pp19, Prosolin, Protein Pr22, pp17, STMN1, C1orf215, LAP18, OP18

Dilution

IHC~~1:100~500

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Stathmin is for research use only and not for use in diagnostic or therapeutic procedures.

Stathmin - 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). Cytoplasm, cytoskeleton. Ubiquitous. Expression is strongest in fetal and adult brain, spinal cord, and cerebellum, followed by thymus, bone marrow, testis, and fetal liver. Expression

Cellular Location

Tissue Location

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 - 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 - Images