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Stathmin 1 Antibody

Rabbit mAb
Catalog # AP90464

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P16949
Reactivity	Rat, Human, Mouse
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

Additional Information

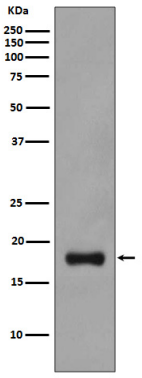
Dilution	WB 1:500~1:2000 IHC 1:50~1:100 ICC/IF 1:50~1:100 IP 1: 50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Stathmin 1
Description	Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly 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.

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.

Images



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

Image not found : 202311/AP90464-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human colon, using Stathmin 1 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.