

Anti-STMN1 / Stathmin / LAG Antibody (aa5-54)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18022

Product Information

Application	WB, IHC-P, IF, E
Primary Accession	P16949
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	17303

Additional Information

Gene ID	3925
Alias Symbol	STMN1
Other Names	STMN1, C1orf215, Lag, LAP18, OP18, Phosphoprotein p19, Phosphoprotein 19, PP17, PP19, PR22, Protein Pr22, Transmembrane protein C1orf215, Oncoprotein 18, Prosolin, SMN, Metablastin, Stathmin, Stathmin 1
Target/Specificity	Stathmin 1 (Ab-15) Antibody detects endogenous levels of total Stathmin 1 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-STMN1 / Stathmin / LAG Antibody (aa5-54) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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