

STMN1 / Stathmin / LAG Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS13315**Specification**

STMN1 / Stathmin / LAG Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P16949
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	17kDa KDa

STMN1 / Stathmin / LAG Antibody (C-Terminus) - Additional Information**Gene ID** 3925**Other Names**

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

Target/Specificity

Human STMN1. This antibody is expected to cross-react with isoform 1 a (NP_005554.1; NP_981944.1; NP_981946.1) only. The three reported isoforms (NP_005554.1, NP_981944.1 and NP_981946.1) represent identical protein.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

STMN1 / Stathmin / LAG Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

STMN1 / Stathmin / LAG Antibody (C-Terminus) - 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

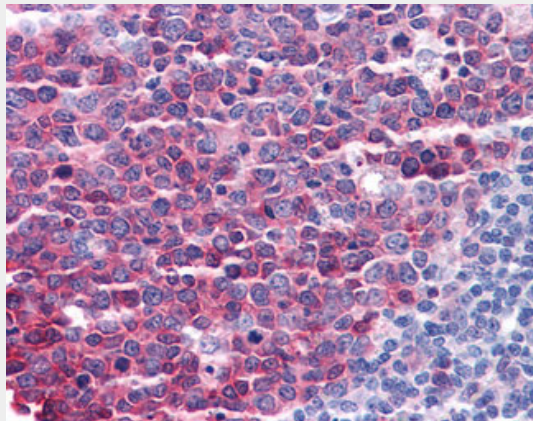
Ubiquitous. Expression is strongest in fetal and adult brain, spinal cord, and cerebellum, followed by thymus, bone marrow, testis, and fetal liver. Expression is intermediate in colon, ovary, placenta, uterus, and trachea, and is readily detected at substantially lower levels in all other tissues examined. 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.

STMN1 / Stathmin / LAG Antibody (C-Terminus) - 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](#)

STMN1 / Stathmin / LAG Antibody (C-Terminus) - Images



Anti-STMN1 antibody IHC of human tonsil.

STMN1 / Stathmin / LAG Antibody (C-Terminus) - Background

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STMN1 / Stathmin / LAG Antibody (C-Terminus) - References

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Melhem R.F.,et al.J. Biol. Chem. 266:17747-17753(1991).
Hosoya H.,et al.Cell Struct. Funct. 21:237-243(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).