

Rabbit anti-Human, Mouse op18 Polyclonal Antibody | anti-STMN1 antibody

op18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39596	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

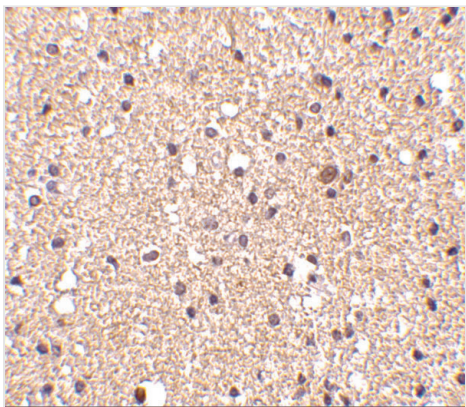
PRODUCT SYNONYMS

op18; Polyclonal Antibody; op18 Antibody; Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215; Stathmin; Leukemia-associated phosphoprotein p18; Op18; STMN1; anti-STMN1 antibody

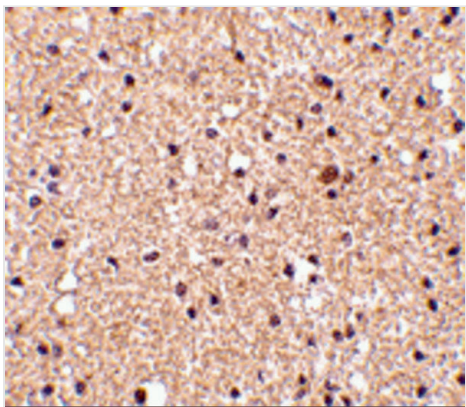
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	op18 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	149
Applicable Applications for anti-STMN1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Op18 antibody was raised against a 20 amino acid synthetic peptide from near the carboxy terminus of human op18.
Buffer	op18 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	op18 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

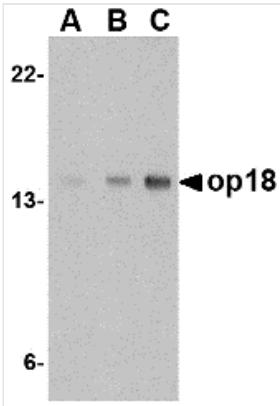
IMAGES



IF (Immunofluorescence)
Immunofluorescence of op18 in human brain tissue with op18 antibody at 20 µg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of op18 in human brain tissue with op18 antibody at 2.5 µg/mL.



WB (Western Blot)
Western blot analysis of op18 in EL4 cell lysate with op18 antibody at (A) 0.5, (B) 1 and (C) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-STMN1 antibody	op18 Antibody: Op18 belongs to the stathmin family of genes and encodes a ubiquitous cytosolic phosphoprotein that may function as an intracellular relay integrating several signaling pathways such as those involved in cell proliferation and differentiation. Op18 has also been shown to be involved in the regulation of the microtubule filament system by destabilizing microtubules, thereby preventing assembly and promoting the disassembly of microtubules. More recently, op18 has been implicated as a potential target of the ASK1-p38 MAP kinase cascade, suggesting that the ASK1-p38 cascade may regulate microtubule dynamics through op18. Op18 is highly expressed in a wide variety of human malignancies, including leukemia, prostate cancer, ovarian carcinoma, and breast carcinoma, suggesting that op18 may be an ideal target for anti-cancer therapeutics.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51895905
NCBI GeneID	3925
UniProt Accession #	P16949; A2A2D1; B2R4E7; B7Z8N4; D3DPJ5
Molecular Weight	Predicted: 16 kDa Observed: 15 kDa
NCBI Official Full Name	Stathmin 1/oncoprotein 18
NCBI Official Synonym Full Names	stathmin 1

NCBI Official Symbol	STMN1
NCBI Official Synonym Symbols	Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215
NCBI Protein Information	stathmin; prosolin; metablastin; oncoprotein 18; phosphoprotein 19; phosphoprotein p19; stathmin 1/oncoprotein 18; transmembrane protein C1orf215; leukemia-associated phosphoprotein p18
UniProt Protein Name	Stathmin
UniProt Gene Name	STMN1
UniProt Synonym Gene Names	C1orf215; LAP18; OP18; Op18; pp19
UniProt Entry Name	STMN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/op18-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39596>