

Rabbit STMN2 Polyclonal Antibody | anti-STMN2 antibody

STMN2 Antibody (N-term)

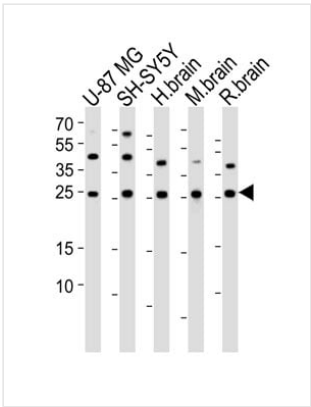
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290010	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

STMN2; Polyclonal Antibody; STMN2 Antibody (N-term); Stathmin-2; Superior cervical ganglion-10 protein; Protein SCG10; SCG10; SCGN10; anti-STMN2 antibody

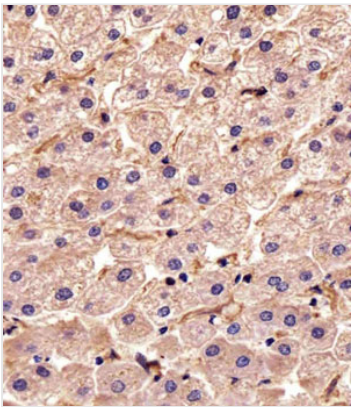
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STMN2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 36-69 amino acids from the N-terminal region of human STMN2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Applicable Applications for anti-STMN2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Cellular Location	Cytoplasm. Cytoplasm, perinuclear region. Cell projection, growth cone Membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, axon. Golgi apparatus. Endosome. Cell projection, lamellipodium Note=Associated with punctate structures in the perinuclear cytoplasm, axons, and growth cones of developing neurons. SCG10 exists in both soluble and membrane-bound forms. Colocalized with CIB1 in neurites of developing hippocampal primary neurons (By similarity). Colocalized with CIB1 in the cell body, neuritis and growth cones of neurons. Colocalized with CIB1 to the leading edge of lamellipodia.
Tissue Location	Neuron specific.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



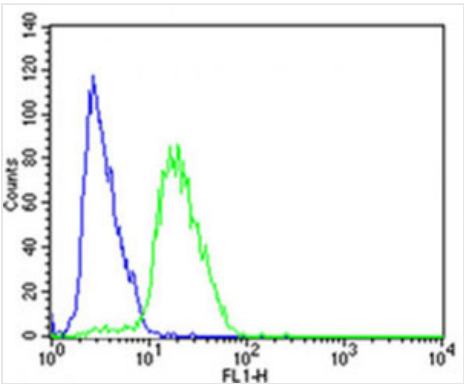
WB (Western Blot)

Western blot analysis of lysates from U-87 MG, SH-SY5Y cell line, human brain, mouse brain, rat brain tissue lysate (from left to right), using STMN2 Antibody (N-term). AAA290010 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. liver section using STMN2 Antibody (N-term). AAA290010 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of SH-SY5Y cells using STMN2 Antibody (N-term)(green) compared to an isotype control of rabbit IgG(blue). AAA290010 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STMN2 antibody	Regulator of microtubule stability. When phosphorylated by MAPK8, stabilizes microtubules and consequently controls neurite length in cortical neurons. In the developing brain, negatively regulates the rate of exit from multipolar stage and retards radial migration from the ventricular zone (By similarity).
Product Categories/Family for anti-STMN2 antibody	Crown Antibodies ; Neuroscience
References	Okazaki T.,et al.Neurobiol. Aging 16:883-894(1995). Fujiwara T.,et al.Submitted (APR-1995) to the EMBL/GenBank/DDBJ databases. Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	312922390
NCBI GeneID	11075
NCBI Accession #	NP_001186143.1

NCBI GenBank Nucleotide #	NM_001199214.1
UniProt Accession #	Q93045; O14952; Q6PK68; A8K9M2; G3V110
Molecular Weight	20828
NCBI Official Full Name	stathmin-2 isoform 1
NCBI Official Synonym Full Names	stathmin 2
NCBI Official Symbol	STMN2
NCBI Official Synonym Symbols	SCG10; SCGN10
NCBI Protein Information	stathmin-2
UniProt Protein Name	Stathmin-2
UniProt Gene Name	STMN2
UniProt Synonym Gene Names	SCG10; SCGN10; Protein SCG10
UniProt Entry Name	STMN2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/stmn2-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/290010>