Rabbit STMN3 Polyclonal Antibody | anti-STMN3 antibody

STMN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325193	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

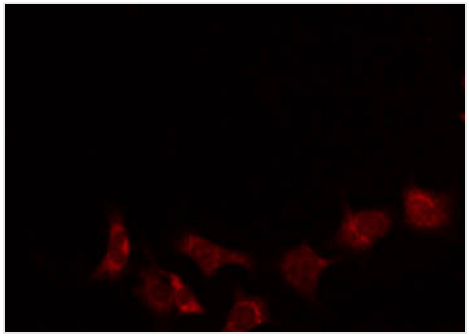
PRODUCT SYNONYMS

STMN3; Polyclonal Antibody; STMN3 Antibody; AI604839; R75323; RP23-83A14.1; SCG10-like protein; Scgn10 like protein; Sclip; Stathmin like 3; Stathmin-3; STMN3_HUMAN; anti-STMN3 antibody

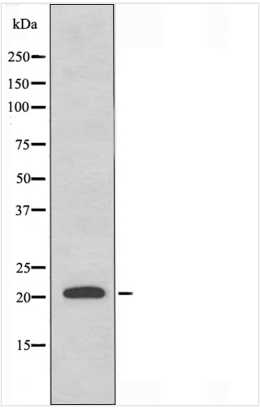
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	STMN3 antibody detects endogenous levels of total STMN3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	169
Applicable Applications for anti-STMN3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus. Cell Projection > Growth Cone. Cell Projection > Axon.
Tissue Specificity	Neuron specific.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325193 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from 293 cells, using STMN3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STMN3 antibody	Function: Exhibits microtubule-destabilizing activity, which is antagonized by STAT3. Subunit Structure: Interacts with STAT3. Post-translational Modifications: N-terminal palmitoylation promotes specific anchoring to the cytosolic leaflet of Golgi membranes and subsequent vesicular trafficking along dendrites and axons. Neuronal Stathmins are substrates for palmitoyltransferases ZDHHC3, ZDHHC7 and ZDHHC15. Similarity: Belongs to the stathmin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	444189299
NCBI GeneID	50861
NCBI Accession #	NP_001263239.1
NCBI GenBank Nucleotide #	NM_001276310.1
UniProt Accession #	Q9NZ72; O75527; Q969Y4; B3KSQ5; B7WP52; B7Z5G4
Molecular Weight	Observed: 21 kD Predicted: 22 kDa
NCBI Official Full Name	stathmin-3 isoform 2
NCBI Official Synonym Full Names	stathmin 3
NCBI Official Symbol	STMN3
NCBI Official Synonym Symbols	SCLIP
NCBI Protein Information	stathmin-3
UniProt Protein Name	Stathmin-3
UniProt Gene Name	**STMN3**
UniProt Synonym Gene Names	SCLIP

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://stage.aaabiotech.com/polyclonal/stmn3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325193