Stathmin-Like 2 (STMN2) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	stathmin-like 2 (STMN2), Polyclonal Antibody
Full Product Name	Rabbit anti-human stathmin-like 2 polyclonal Antibody
Product Gene Name	anti-STMN2 antibody
Product Synonym Names	stathmin-like 2; STMN2; SCG10; SCGN10; SGC10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Upon reciept, store at -20°C or -80°C. Avoid repeated freeze.
OMIM	600621
Immunogen	Human STMN2
Immunogen Species	Homo sapiens (Human)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49258
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-STMN2 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-STMN2 antibody	MBS716297 is an antibody targeting STMN2. Also known as Rabbit anti-human stathmin-like 2 polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-STMN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STMN2. It may not necessarily be applicable to this product.

NCBI GI #	34850061
NCBI GeneID	11075
NCBI Accession #	NP_008960.2
UniProt Secondary Accession #	O14952; Q6PK68; A8K9M2; G3V110
UniProt Related Accession #	Q93045
GenBank Nucleotide #	NM_007029.3
NCBI Official Full Name	stathmin-2 isoform 2
NCBI Official Synonym Full Names	stathmin 2

NCBI Official Symbol	STMN2
NCBI Official Synonym Symbols	SCG10; SCGN10
UniProt Protein Name	Stathmin-2
UniProt Synonym Protein Names	Superior cervical ganglion-10 protein; Protein SCG10
Protein Family	Stathmin
UniProt Gene Name	STMN2
UniProt Synonym Gene Names	SCG10; SCGN10; Protein SCG10
UniProt Entry Name	STMN2_HUMAN
NCBI Protein Information	stathmin-2; stathmin-like 2; superior cervical ganglion-10 protein; neuron-specific growth-associated protein; superior cervical ganglia, neural specific 10; neuronal growth-associated protein (silencer element)
NCBI Summary for STMN2	This gene encodes a member of the stathmin family of phosphoproteins. Stathmin proteins function in microtubule dynamics and signal transduction. The encoded protein plays a regulatory role in neuronal growth and is also thought to be involved in osteogenesis. Reductions in the expression of this gene have been associated with Down's syndrome and Alzheimer's disease. Alternatively spliced transcript variants have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 6. [provided by RefSeq, Nov 2010]
UniProt Comments for STMN2	STMN2: a cytoskeletal protein that may play a role in neuronal differentiation, and in modulating membrane interaction with the cytoskeleton during neurite outgrowth. Associated with punctate structures in the perinuclear cytoplasm, axons, and growth cones of developing neurons. Neuron specific. Protein type: Cytoskeletal Chromosomal Location of Human Ortholog: 8q21.13 Cellular Component: Golgi apparatus; neuron projection; growth cone; cell soma; membrane; perinuclear region of cytoplasm; axon; lamellipodium; cytoplasm; endosome; vesicle Molecular Function: tubulin binding; protein binding; calcium-dependent protein binding Biological Process: positive regulation of microtubule depolymerization; negative regulation of microtubule depolymerization; negative regulation of microtubule polymerization
Research Articles on STMN2	**1.** PAK4-SCG10 signaling occurs in gastric cancer cell invasion.
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