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STMN3 Rabbit pAb

Catalog # AP99878

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9NZ72
Other Accession	Q9NZ72
Predicted	Rat, Human, Mouse, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21017
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human STMN3
Epitope Specificity	77-130/180
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the stathmin family.
SUBUNIT	Interacts with STAT3 (By similarity).
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	STMN3 belongs to the stathmin/oncoprotein 18 family of microtubule-destabilizing phosphoproteins. It is similar to the SCG10 protein and is involved in signal transduction and regulation of microtubule dynamics.

Additional Information

Gene ID	50861
Other Names	SCLIP; 9330161A03Rik; STMN3_HUMAN; STMN3; SCG10-like protein; STMN3_MOUSE; Hippocampus abundant transcript 3; SCG10-related protein HiAT3; STMN3_RAT; stathmin 3; stathmin-like 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	STMN3
Synonyms	SCLIP
Function	Exhibits microtubule-destabilizing activity, which is antagonized by STAT3.
Cellular Location	Golgi apparatus. Cell projection, growth cone. Cell projection, axon. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9JHU6}
Tissue Location	Neuron specific.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.