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STMN3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13019b

Product Information

Application	WB, E
Primary Accession	Q9NZ72
Other Accession	Q9JHU6, O70166, Q4R4N5, O93388, A4IFK9, NP_056978.2
Reactivity	Human
Predicted	Bovine, Chicken, Monkey, Mouse, Rat, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32777
Calculated MW	21017
Antigen Region	148-177

Additional Information

Gene ID	50861
Other Names	Stathmin-3, SCG10-like protein, STMN3, SCLIP
Target/Specificity	This STMN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-177 amino acids from the C-terminal region of human STMN3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	STMN3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

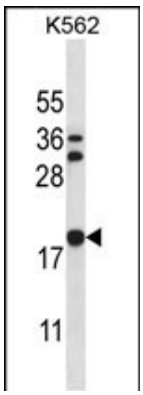
Background

The protein encoded by this gene 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.

References

Ng, D.C., et al. Biochem. J. 425(1):95-105(2010)
Mahapatra, N.R., et al. Biochemistry 47(27):7167-7178(2008)
Bieche, I., et al. Genomics 81(4):400-410(2003)
Deloukas, P., et al. Nature 414(6866):865-871(2001)
Charbaut, E., et al. J. Biol. Chem. 276(19):16146-16154(2001)

Images



STMN3 Antibody (C-term) (Cat. #AP13019b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the STMN3 antibody detected the STMN3 protein (arrow).

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