10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

STMN3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13019b

Specification

STMN3 Antibody (C-term) - 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**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**21017**
Antigen Region	**148-177**

STMN3 Antibody (C-term) - 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

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.

STMN3 Antibody (C-term) - 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}

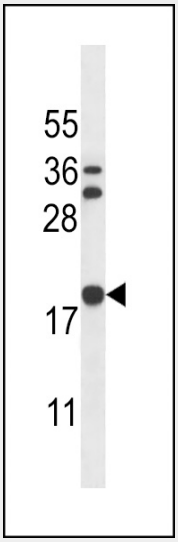
Tissue Location
Neuron specific.

STMN3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

STMN3 Antibody (C-term) - 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).

STMN3 Antibody (C-term) - 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.

STMN3 Antibody (C-term) - 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)