



## Rabbit Anti-STMN3 antibody

SL6596R

<b>Product Name:</b>	STMN3
<b>Chinese Name:</b>	原癌基因18家族STMN3蛋白抗体
<b>Alias:</b>	Sclip; RP23-83A14.1; SCG10-like protein; Scgn10 like protein; Stathmin like 3; STMN3 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	21kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human STMN3:77-130/180
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.  <b>Function:</b> Exhibits microtubule-destabilizing activity, which is antagonized by STAT3 (By

similarity).

**Subunit:**

Interacts with STAT3 (By similarity).

**Subcellular Location:**

Golgi apparatus. Cell projection, growth cone. Cell projection, axon.

**Tissue Specificity:**

Neuron specific.

**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.

**SWISS:**

Q9NZ72

**Gene ID:**

50861

**Database links:**

[Entrez Gene: 50861](#)Human

[Entrez Gene: 20262](#)Mouse

[Entrez Gene: 29246](#)Rat

[Omim: 608362](#)Human

[SwissProt: Q9NZ72](#)Human

[SwissProt: O70166](#)Mouse

[SwissProt: Q9JHU6](#)Rat

[Unigene: 639609](#)Human

[Unigene: 2319](#)Mouse

[Unigene: 447659](#)Mouse

[Unigene: 14961](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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