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**Product Name: STMN1 Rabbit Monoclonal Antibody****Catalog #: AMRe86473**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:20000,IHC 1:100-1:200
<b>Molecular Weight</b>	Calculated MW:17 kDa; Observed MW:17 kDa

**Antigen Information**

<b>Gene Name</b>	STMN1
<b>Alternative Names</b>	Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215
<b>Gene ID</b>	3925, 16765, 29332
<b>SwissProt ID</b>	P16949, P54227, P13668
<b>Immunogen</b>	A synthetic peptide of human STMN1

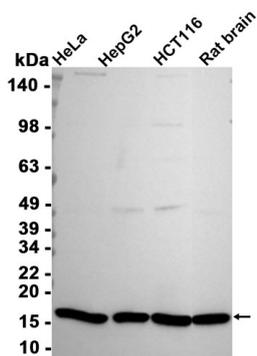
**Background**

This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the

regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2009]

## Research Area

## Image Data



Western blot analysis of extracts from HeLa, HepG2, HCT116 cells and Rat brain tissue using STMN1 Rabbit Monoclonal Antibody at 1:1000.