

## Product datasheet for **TA350702**

### Stathmin 1 (STMN1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal brain tissue IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human STMN1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	stathmin 1
Database Link:	<a href="#">NP_981944</a> <a href="#">Entrez Gene 16765 Mouse</a> <a href="#">Entrez Gene 29332 Rat</a> <a href="#">Entrez Gene 3925 Human</a> <a href="#">P16949</a>



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**Background:**

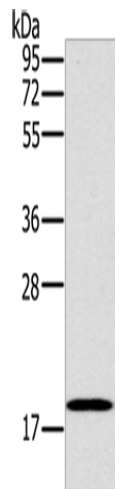
This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene.

**Synonyms:**

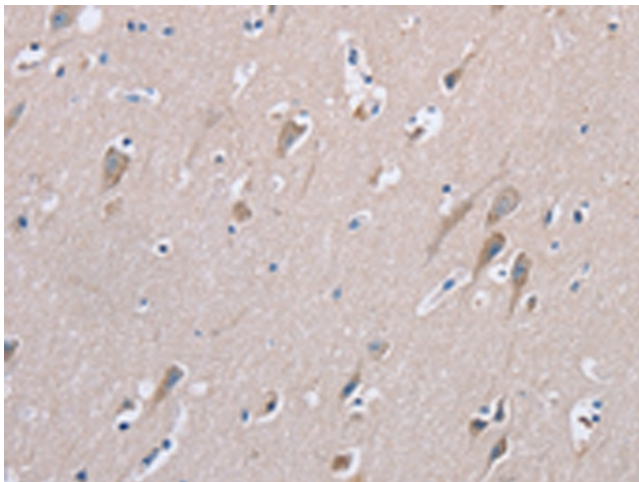
C1orf215; Lag; LAP18; OP18; PP17; PP19; PR22; SMN

**Protein Pathways:**

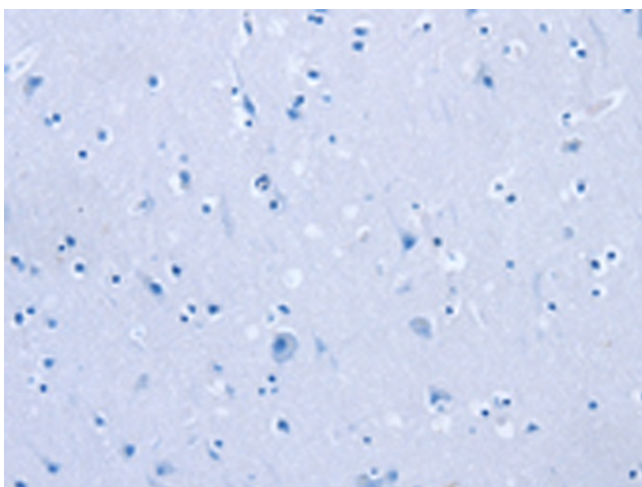
MAPK signaling pathway

**Product images:**

Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane: Human fetal brain tissue  
Primary antibody: TA350702 (STMN1 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human brain tissue using TA350702 (STMN1 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA350702 (STMN1 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)