



## Stathmin 1 Antibody

CATALOG NUMBER: 46-440



Western blot analysis of Stathmin 1 in human testis lysate (35 ug protein in RIPA buffer) using Stathmin 1 Antibody at 1 ug/mL.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:1,000. Western Blot: Approximately 17 kDa band observed in human testis and mouse brain lysates (calculated MW of 17.3 kDa according to NP_005554.1, NP_981944.1 and NP_981946.1). Recommended concentration: 1-3 ug/mL.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1313 - Human Testis Tissue Lysate
<b>SPECIFICITY:</b>	The three reported isoforms (NP_005554.1, NP_981944.1 and NP_981946.1) represent identical protein.
<b>IMMUNOGEN:</b>	Stathmin 1 antibody was raised against a 15 amino acid synthetic peptide near the C-Terminus of Stathmin 1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	Stathmin 1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Stathmin 1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	STMN1, stathmin 1/oncprotein 18, LAP18, Lag, OP18, PP17, PP19, PR22, SMN, Pr22 protein, leukemia-associated phosphoprotein p18, metastasin, oncprotein 18, phosphoprotein 19, prosolin, stathmin 1, stathmin 1 variant, C1orf215
<b>ACCESSION NO.:</b>	NP_005554.1, NP_981944.1, NP_981946.1
<b>PROTEIN GI NO.:</b>	5031851

OFFICIAL SYMBOL:	STMN1
GENE ID:	3925

### Background

**REFERENCES:** 1) Miyashita H, Kanemura M, Yamazaki T, Abe M, Sato Y. Vascular endothelial zinc finger 1 is involved in the regulation of angiogenesis: possible contribution of stathmin/OP18 as a downstream target gene. Arterioscler Thromb Vasc Biol. 2004 May;24(5):878-84. Epub 2004 Mar 18.

FOR RESEARCH USE ONLY

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