

## STMN1 Antibody | anti-STMN1 antibody

STMN1 (Phospho-Ser62) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA108897</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

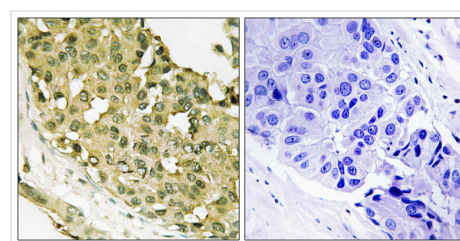
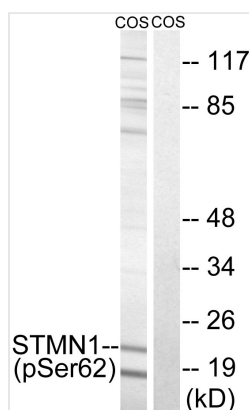
### PRODUCT SYNONYMS

STMN1; STMN1 (Phospho-Ser62) Antibody; LAG; LAP18; Leukemia-associated gene protein; Leukemia-associated phosphoprotein p18; Metablastin; Oncoprotein 18; Op18; Phosphoprotein p19; pp17; pp19; PR22; Pr22 protein; Prosolin; stathmin; STN1; anti-STMN1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | STMN1 (Phospho-Ser62) antibody detects endogenous levels of STMN1 only when phosphorylated at serine 62.                                                                                                                                            |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 174                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-STMN1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human STMN1 around the phosphorylation site of serine 62 (R-K-SP-H-E).                                                                                                   |
| All Sites                                       | Human: Ser62<br>Mouse: Ser63<br>Rat: Ser63                                                                                                                                                                                                          |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



Application Data  
P-peptide-+

#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using STMN1 (Phospho-Ser62) antibody. Western blot analysis of extracts from COS cells, treated with nocodazole (1ug/ml, 16 hours), using STMN1 (Phospho-Ser62) antibody.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-STMN1 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                        | Zhu X.-X., J. Biol. Chem. 264:14556-14560(1989). Maucuer A., FEBS Lett. 264:275-278(1990). Melhem R.F., J. Biol. Chem. 266:17747-17753(1991).                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 224451142                                         |
| NCBI GeneID                      | 3925                                              |
| NCBI Accession #                 | NP_001138926.1                                    |
| NCBI GenBank Nucleotide #        | NM_001145454.2                                    |
| UniProt Accession #              | P16949; A2A2D1; B2R4E7; B7Z8N4; D3DPJ5            |
| Molecular Weight                 | 19,824 Da                                         |
| NCBI Official Full Name          | stathmin isoform b                                |
| NCBI Official Synonym Full Names | stathmin 1                                        |
| NCBI Official Symbol             | STMN1                                             |
| NCBI Official Synonym Symbols    | Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215 |
| NCBI Protein Information         | stathmin                                          |
| UniProt Protein Name             | Stathmin                                          |
| UniProt Gene Name                | STMN1                                             |
| UniProt Synonym Gene Names       | C1orf215; LAP18; OP18; Op18; pp19                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/stmn1/108897>