

Datasheet

STMN1 (phospho S25) polyclonal antibody

SMN

Catalog Number: PAB8195**Regulatory Status:** For research use only (RUO)**Product Description:** Rabbit polyclonal antibody raised against synthetic phosphopeptide of STMN1.**Immunogen:** Synthetic phosphopeptide corresponding to residues surrounding S25 of human STMN1.**Host:** Rabbit**Theoretical MW (kDa):** 19**Reactivity:** Human, Mouse, Rat**Applications:** IHC-P, WB, WB-Ce, WB-Ti
(See our web site product page for detailed applications information)**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Form:** Liquid**Purification:** Immunoaffinity purification**Concentration:** 1 mg/mL**Recommend Usage:** Immunohistochemistry
(1:50-1:100)
Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.**Storage Buffer:** In PBS (without Mg²⁺ and Ca²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)**Storage Instruction:** Store at -20°C.
Aliquot to avoid repeated freezing and thawing.**Entrez GeneID:** 3925**Gene Symbol:** STMN1**Gene Alias:** LAP18, Lag, OP18, PP17, PP19, PR22,**Gene Summary:** 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]**References:**

1. Comparative phosphoproteomic analysis of checkpoint recovery identifies new regulators of the DNA damage response. Halim VA, Alvarez-Fernandez M, Xu YJ, Aprelia M, van den Toorn HW, Heck AJ, Mohammed S, Medema RH *Sci Signal.* 2013 Apr 23;6(272):rs9. doi: 10.1126/scisignal.2003664.