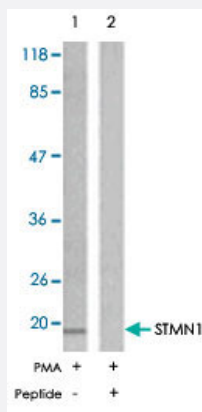


STMN1 polyclonal antibody

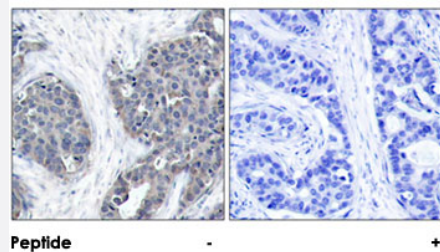
Catalog # PAB26762 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from Jurkat cells untreated or treated with PMA (1 ng/mL, 15 min) using STMN1 polyclonal antibody (Cat # PAB26762).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STMN1 polyclonal antibody (Cat # PAB26762).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of STMN1.
Immunogen	A synthetic peptide corresponding to residues surrounding S37 of human STMN1.
Sequence	P-L-Sp-P-P
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid

Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of exretracts from Jurkat cells untreated or treated with PMA (1 ng/mL, 15 min) using STMN1 polyclonal antibody (Cat # PAB26762).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STMN1 polyclonal antibody (Cat # PAB26762).

Gene Info — STMN1

Entrez GeneID	3925
Protein Accession#	P16949
Gene Name	STMN1
Gene Alias	LAP18, Lag, OP18, PP17, PP19, PR22, SMN
Gene Description	stathmin 1/oncoprotein 18
Omim ID	151442
Gene Ontology	Hyperlink

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]

Other Designations

OTTHUMP00000008527|OTTHUMP00000008528|OTTHUMP00000008530|leukemia-associated phosphoprotein p18|metablastin|oncoprotein 18|phosphoprotein 19|prosolin|stathmin 1

Pathway

- [MAPK signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)
- [Startle Reaction](#)