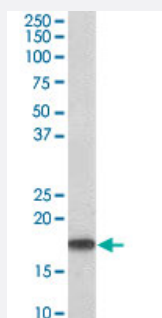


STMN1 polyclonal antibody

Catalog # PAB6964 Size 100 ug

Applications



Western Blot (Tissue lysate)

STMN1 polyclonal antibody (Cat # PAB6964) (1 ug/mL) staining of human testis Lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of STMN1.
Immunogen	A synthetic peptide corresponding to C-terminus of human STMN1.
Sequence	C-KNKESKDPADETead
Host	Goat
Theoretical MW (kDa)	17.3
Reactivity	Human, Mouse
Specificity	The three reported isoforms (NP_005554.1, NP_981944.1 and NP_981946.1) represent identical protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:1000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 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 (Tissue lysate)

STMN1 polyclonal antibody (Cat # PAB6964) (1 ug/mL) staining of human testis Lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — STMN1

Entrez GeneID	3925
Protein Accession#	NP_005554.1 ; NP_981944.1 ; NP_981946.1
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 prosofin stathmin 1

Publication Reference

- [Vascular endothelial zinc finger 1 is involved in the regulation of angiogenesis: possible contribution of stathmin/OP18 as a downstream target gene.](#)

Miyashita H, Kanemura M, Yamazaki T, Abe M, Sato Y.

Arteriosclerosis, Thrombosis, and Vascular Biology 2004 May; 24(5):878.

Application: WB, Human, MSS31 cells

Pathway

- [MAPK signaling pathway](#)

Disease

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