

STMN1 rabbit monoclonal antibody

Catalog # H00003925-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human STMN1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human STMN1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human STMN1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — STMN1

Entrez GeneID	3925
GeneBank Accession#	STMN1
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

Pathway

- [MAPK signaling pathway](#)

Disease

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