

# SUMO3 rabbit monoclonal antibody

Catalog # H00006612-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human SUMO3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SUMO3 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SUMO3 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SUMO3

Entrez GeneID	<a href="#">6612</a>
GeneBank Accession#	<a href="#">SUMO3</a>
Gene Name	SUMO3
Gene Alias	SMT3A, SMT3H1, SUMO-3
Gene Description	SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae)
Omim ID	<a href="#">602231</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	SUMO proteins, such as SUMO3, and ubiquitin (see MIM 191339) posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability (Su and Li, 2002 [PubMed 12383504]).[supplied by OMIM]
Other Designations	OTTHUMP00000115275 SMT3 suppressor of mif two 3 homolog 1 small ubiquitin-like modifier protein 3

## Disease

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- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Pancreatic Neoplasms](#)