

SENP1 rabbit monoclonal antibody

Catalog # H00029843-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SENP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SENP1 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 SENP1 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 — SENP1

Entrez GeneID	29843
GeneBank Accession#	SENP1
Gene Name	SENP1
Gene Alias	SuPr-2
Gene Description	SUMO1/sentrin specific peptidase 1
Gene Ontology	Hyperlink
Gene Summary	<p>The covalent modification of proteins by the small ubiquitin (UBB; MIM 191339)-like protein SUMO (see SUMO1, MIM 601912) is implicated in the regulation of nucleocytoplasmic transport, genomic stability, gene transcription, and other processes. Sumoylation is catalyzed on target lysine residues by a multienzyme process and is reversed by desumoylating enzymes such as SENP1 (Yamaguchi et al., 2005 [PubMed 15923632]).[supplied by OMIM]</p>
Other Designations	SUMO1/sentrin specific protease 1 sentrin/SUMO-specific protease sentrin/SUMO-specific protease 1