

USP1 rabbit monoclonal antibody

Catalog # H00007398-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human USP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human USP1 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 USP1 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 — USP1

Entrez GeneID	7398
GeneBank Accession#	USP1
Gene Name	USP1
Gene Alias	UBP
Gene Description	ubiquitin specific peptidase 1
Omim ID	603478
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. The protein specifically deubiquitinates a protein in the Fanconi anemia (FA) DNA repair pathway. Alternate transcriptional splice variants have been characterized. [provided by RefSeq]
Other Designations	OTTHUMP00000010530 deubiquitinating enzyme 1 ubiquitin carboxyl terminal hydrolase 1 ubiquitin specific processing protease 1 ubiquitin specific protease 1 ubiquitin thiolesterase 1

Disease

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