

# USP2 rabbit monoclonal antibody

Catalog # H00009099-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human USP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human USP2 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 USP2 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 — USP2

Entrez GeneID	<a href="#">9099</a>
GeneBank Accession#	<a href="#">USP2</a>
Gene Name	USP2
Gene Alias	UBP41, USP9
Gene Description	ubiquitin specific peptidase 2
Omim ID	<a href="#">604725</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Ubiquitin (MIM 191339), a highly conserved protein involved in the regulation of intracellular protein breakdown, cell cycle regulation, and stress response, is released from degraded proteins by disassembly of the polyubiquitin chains. The disassembly process is mediated by ubiquitin-specific proteases (USPs). Also see USP1 (MIM 603478).[supplied by OMIM]
Other Designations	ubiquitin carboxyl-terminal hydrolase 2 variant 1 ubiquitin carboxyl-terminal hydrolase 2 variant 2 ubiquitin specific protease 12 ubiquitin specific protease 2 ubiquitin specific protease 9

## Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)