

# VCP rabbit monoclonal antibody

Catalog # H00007415-K

Size 100 ug x up to 3

## Specification

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

Entrez GeneID	<a href="#">7415</a>
GeneBank Accession#	<a href="#">VCP</a>
Gene Name	VCP
Gene Alias	IBMPFD, MGC131997, MGC148092, MGC8560, TERA, p97
Gene Description	valosin-containing protein
Omim ID	<a href="#">167320 601023</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of a family that includes putative ATP-binding proteins involved in vesicle transport and fusion, 26S proteasome function, and assembly of peroxisomes. This protein, as a structural protein, is associated with clathrin, and heat-shock protein Hsc70, to form a complex. It has been implicated in a number of cellular events that are regulated during mitosis, including homotypic membrane fusion, spindle pole body function, and ubiquitin-dependent protein degradation. [provided by RefSeq]
Other Designations	transitional endoplasmic reticulum ATPase yeast Cdc48p homolog

## Disease

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- [Cardiovascular Diseases](#)
- [Dementia](#)
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