

# PRDX1 rabbit monoclonal antibody

Catalog # H00005052-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human PRDX1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PRDX1 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 PRDX1 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 — PRDX1

Entrez GeneID	<a href="#">5052</a>
GeneBank Accession#	<a href="#">PRDX1</a>
Gene Name	PRDX1
Gene Alias	MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2
Gene Description	peroxiredoxin 1
Omim ID	<a href="#">176763</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000009234 natural killer-enhancing factor A proliferation-associated gene A thioredoxin-dependent peroxide reductase 2

## Disease

- [Alzheimer disease](#)
- [Cognition](#)