

# PREP rabbit monoclonal antibody

Catalog # H00005550-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PREP peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PREP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PREP peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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 — PREP

Entrez GeneID	<a href="#">5550</a>
GeneBank Accession#	<a href="#">PREP</a>
Gene Name	PREP
Gene Alias	MGC16060, PE, PEP
Gene Description	prolyl endopeptidase
Omim ID	<a href="#">600400</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a cytosolic prolyl endopeptidase that cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long. Prolyl endopeptidases have been reported to be involved in the maturation and degradation of peptide hormones and neuropeptides. [provided by RefSeq]
Other Designations	OTTHUMP00000016916 OTTHUMP00000040498 dJ355L5.1 (prolyl endopeptidase) post-proline cleaving enzyme prolyl oligopeptidase

## Disease

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- [Bipolar Disorder](#)
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- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)