

# PPIE rabbit monoclonal antibody

Catalog # H00010450-K

Size 100 ug x up to 3

## Specification

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

Entrez GeneID	<a href="#">10450</a>
GeneBank Accession#	<a href="#">PPIE</a>
Gene Name	PPIE
Gene Alias	CYP-33, MGC111222, MGC3736
Gene Description	peptidylprolyl isomerase E (cyclophilin E)
Omim ID	<a href="#">602435</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities and also exhibit RNA-binding activity. Three alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]
Other Designations	OTTHUMP00000010837 OTTHUMP00000010838 PPIase E cyclophilin 33 cyclophilin E peptidyl-prolyl cis-trans isomerase E peptidylprolyl isomerase E peptidylprolyl isomerase E, isoform 1 rotamase E

## Disease

- [Obesity](#)