

## EEF1E1 rabbit monoclonal antibody

Catalog # H00009521-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human EEF1E1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human EEF1E1 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 EEF1E1 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 — EEF1E1

Entrez GeneID	<a href="#">9521</a>
GeneBank Accession#	<a href="#">EEF1E1</a>
Gene Name	EEF1E1
Gene Alias	AIMP3, P18
Gene Description	eukaryotic translation elongation factor 1 epsilon 1
Omim ID	<a href="#">609206</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a multifunctional protein that localizes both in the cytoplasm and in the nucleus . In the cytoplasm, the encoded protein is an auxiliary component of the macromolecular aminoacyl-tRNA synthase complex. However, its mouse homolog has been shown to translocate to the nucleus in response to DNA damage and plays a positive role in ATM/ATR-mediated p53 activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq]</p>
Other Designations	ARS-interacting multifunctional protein 3 OTTHUMP00000016008 p18 component of aminoacyl-tRNA synthetase complex