

EIF2AK1 rabbit monoclonal antibody

Catalog # H00027102-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EIF2AK1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EIF2AK1 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 (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EIF2AK1 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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — EIF2AK1

Entrez GeneID	27102
GeneBank Accession#	EIF2AK1
Gene Name	EIF2AK1
Gene Alias	HCR, HRI, KIAA1369
Gene Description	eukaryotic translation initiation factor 2-alpha kinase 1
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin . Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	heme regulated initiation factor 2 alpha kinase heme sensitive initiation factor 2a kinase heme-regulated inhibitor heme-regulated initiation factor 2-alpha kinase heme-regulated repressor

Disease

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