

EIF6 rabbit monoclonal antibody

Catalog # H00003692-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EIF6 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EIF6 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 EIF6 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 — EIF6

Entrez GeneID [3692](#)

GeneBank Accession# [EIF6](#)

Gene Name EIF6

Gene Alias 2, CAB, EIF3A, ITGB4BP, b, b(2)gcn, gcn, p27BBP

Gene Description eukaryotic translation initiation factor 6

Omim ID [602912](#)

Gene Ontology [Hyperlink](#)

Gene Summary Hemidesmosomes are structures which link the basal lamina to the intermediate filament cytoskeleton. An important functional component of hemidesmosomes is the integrin beta-4 subunit (ITGB4), a protein containing two fibronectin type III domains. The protein encoded by this gene binds to the fibronectin type III domains of ITGB4 and may help link ITGB4 to the intermediate filament cytoskeleton. The encoded protein, which is insoluble and found both in the nucleus and in the cytoplasm, can function as a translation initiation factor and prevent the association of the 40S and 60S ribosomal subunits. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations B4 integrin interactor|OTTHUMP00000030734|OTTHUMP00000061360|OTTHUMP00000061361|eukaryotic translation initiation factor 3A|integrin beta 4 binding protein|p27 beta-4 integrin-binding protein

Disease

- [Diabetes Mellitus](#)