

## EIF2S2 rabbit monoclonal antibody

Catalog # H00008894-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human EIF2S2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human EIF2S2 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 EIF2S2 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>	<ol style="list-style-type: none"><li>1. Customer may provide cell or tissue lysate for antibody screening.</li><li>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.</li></ol>

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — EIF2S2

Entrez GeneID	<a href="#">8894</a>
GeneBank Accession#	<a href="#">EIF2S2</a>
Gene Name	EIF2S2
Gene Alias	DKFZp686L18198, EIF2, EIF2B, EIF2beta, MGC8508
Gene Description	eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa
Omim ID	<a href="#">603908</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Eukaryotic translation initiation factor 2 (EIF-2) functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA and binding to a 40S ribosomal subunit. EIF-2 is composed of three subunits, alpha, beta, and gamma, with the protein encoded by this gene representing the beta subunit. The beta subunit catalyzes the exchange of GDP for GTP, which recycles the EIF-2 complex for another round of initiation. [provided by RefSeq]
Other Designations	OTTHUMP00000030680 eukaryotic initiation factor 2-beta eukaryotic translation initiation factor 2 beta eukaryotic translation initiation factor 2, subunit 2 (beta, 38kD )