

# EPHA7 rabbit monoclonal antibody

Catalog # H00002045-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human EPHA7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EPHA7 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 EPHA7 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 — EPHA7

Entrez GeneID	<a href="#">2045</a>
GeneBank Accession#	<a href="#">EPHA7</a>
Gene Name	EPHA7
Gene Alias	EHK3, HEK11
Gene Description	EPH receptor A7
Omim ID	<a href="#">602190</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. [provided by RefSeq]
Other Designations	Eph homology kinase-3 OTTHUMP00000016875 OTTHUMP00000040586 ephrin receptor EphA7 ephrin type-A receptor 7 receptor protein-tyrosine kinase HEK11 tyrosine-protein kinase receptor EHK-3

## Pathway

- [Axon guidance](#)

## Disease

- [Tobacco Use Disorder](#)