

# PDLIM3 rabbit monoclonal antibody

Catalog # H00027295-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human PDLIM3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDLIM3 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 PDLIM3 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 — PDLIM3

Entrez GeneID	<a href="#">27295</a>
GeneBank Accession#	<a href="#">PDLIM3</a>
Gene Name	PDLIM3
Gene Alias	ALP, DKFZp686L0362
Gene Description	PDZ and LIM domain 3
Omim ID	<a href="#">605889</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene contains a PDZ domain and a LIM domain, indicating that it may be involved in cytoskeletal assembly. In support of this, the encoded protein has been shown to bind the spectrin-like repeats of alpha-actinin-2 and to colocalize with alpha-actinin-2 at the Z line of skeletal muscle. This gene is found near a region of chromosome 4 that has been implicated in facioscapulohumeral muscular dystrophy, but this gene does not appear to be involved in the disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	PDZ and LIM domain protein 3 alpha-actinin-2-associated LIM protein enigma homolog

## Disease

- [Cardiomyopathy](#)