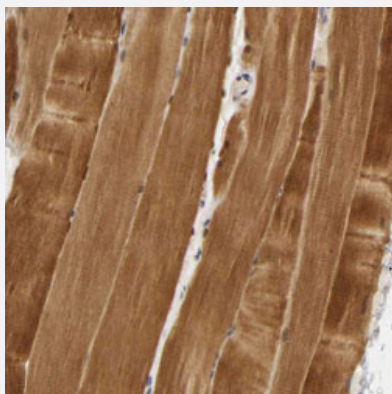


PDLIM3 polyclonal antibody

Catalog # PAB30704 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skeletal muscle with PDLIM3 polyclonal antibody (Cat # PAB30704) shows strong cytoplasmic positivity in myocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PDLIM3.
Immunogen	Recombinant protein corresponding to human PDLIM3.
Sequence	WGFRLSGGIDFNQPLVITRITPGSKAAANLCPGDVILAIDGFGTESMTHADAQDRIKAAAHQLCLKIDRGETHLWSPQVSEDGKA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — PDLIM3

Entrez GeneID	27295
Protein Accession#	Q53GG5
Gene Name	PDLIM3
Gene Alias	ALP, DKFZp686L0362
Gene Description	PDZ and LIM domain 3
Omim ID	605889
Gene Ontology	Hyperlink
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](#)