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Datasheet for ABIN5008601

**anti-PDLIM3 antibody (AA 301-364) (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	PDLIM3
Binding Specificity:	AA 301-364
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDLIM3 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDLIM3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	PDLIM3
Alternative Name:	PDLIM3 ( <a href="#">PDLIM3 Products</a> )
Background:	Synonyms: Actinin associated LIM protein, Actinin-associated LIM protein, Alpha actinin 2

## Target Details

associated LIM protein, Alpha-actinin-2-associated LIM protein, DKFZp686L0362, Enigma homolog, PDLI3\_HUMAN, PDLIM 3, PDLIM-3, PDLIM3, ALP, PDZ and LIM domain 3, PDZ and LIM domain protein 3.

Background: 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 lines of skeletal muscle. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Aberrant alternative splicing of this gene may play a role in myotonic dystrophy.

Gene ID: 27295

UniProt: [Q53GG5](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months