



[Go to Product page](#)

Datasheet for ABIN910604

## anti-PDLIM3 antibody (AA 301-364) (AbBy Fluor® 647)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | PDLIM3  |
| Binding Specificity: | AA 301-364  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This PDLIM3 antibody is conjugated to AbBy Fluor® 647   |
| 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

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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.

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Gene ID: 27295

UniProt: [Q53GG5](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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

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Storage: -20 °C

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

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Expiry Date: 12 months