

## Product datasheet for **TA343157**

### PDLIM7 Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Recommended Dilution:   | WB   |
| Reactivity:             | Human  |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | The immunogen for anti-PDLIM7 antibody is: synthetic peptide directed towards the N-terminal region of HUMAN PDLIM7. Synthetic peptide located within the following region: RLMNTEDWRPRPGTGQSRFRILAHLTGTEFMQDPDEEHLKSSQVPR |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i>                                    |
| Purification:           | Affinity Purified  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 31 kDa   |
| Gene Name:              | PDZ and LIM domain 7   |
| Database Link:          | <a href="#">NP_976227</a><br><a href="#">Entrez Gene 9260 Human Q9NR12</a>   |



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**Background:**

The protein encoded by this gene is representative of a family of proteins composed of conserved PDZ and LIM domains. LIM domains are proposed to function in protein-protein recognition in a variety of contexts including gene transcription and development and in cytoskeletal interaction. The LIM domains of this protein bind to protein kinases, whereas the PDZ domain binds to actin filaments. The gene product is involved in the assembly of an actin filament-associated complex essential for transmission of ret/ptc2 mitogenic signaling. The biological function is likely to be that of an adapter, with the PDZ domain localizing the LIM-binding proteins to actin filaments of both skeletal muscle and nonmuscle tissues. Alternative splicing of this gene results in multiple transcript variants.

**Synonyms:**

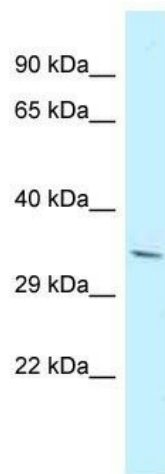
LMP1; LMP3

**Note:**

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Dog: 93%; Rabbit: 86%; Zebrafish: 86%

**Protein Families:**

Druggable Genome

**Product images:**

Host: Rabbit; Target Name: PDLIM7; Sample Tissue: NCI-H226 Whole Cell lysates; Antibody Dilution: 1.0 ug/ml There is BioGPS gene expression data showing that PDLIM7 is expressed in NCIH226