

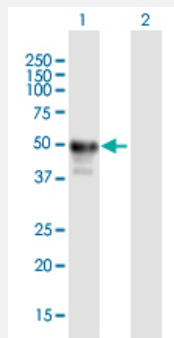
MaxPab®

## PDLIM7 MaxPab mouse polyclonal antibody (B01)

Catalog # H00009260-B01

Size 50 uL

### Applications

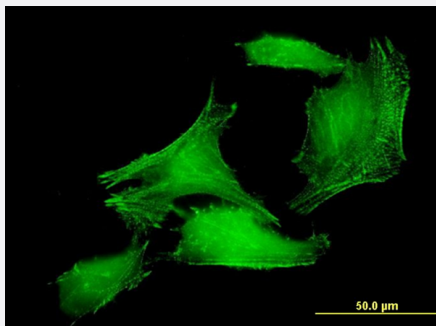


#### Western Blot (Transfected lysate)

Western Blot analysis of PDLIM7 expression in transfected 293T cell line ([H00009260-T01](#)) by PDLIM7 MaxPab polyclonal antibody.

Lane1:PDLIM7 transfected lysate(50.27 KDa).

Lane2:Non-transfected lysate.



#### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PDLIM7 on HeLa cell.  
[antibody concentration 10 ug/ml]

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human PDLIM7 protein.

#### Immunogen

PDLIM7 (NP\_005442.2, 1 a.a. ~ 457 a.a) full-length human protein.

#### Sequence

MDSFKVVLEGPAPWGFRLQGGKDFNVPLSISRLTPGGKAAQAGVAVGDWVLSIDGENAGSLTHI  
EAQNKIRACGERLSLGLSRAQPVSQSKPQKASAPAADPPRYTFAPSVSLNKTARPFGAPPPADSA  
PQQNGQPLRPLVPDASKQRLMENTEDWRPRPGTGQSRSFRLAHLTGTEFMQDPDEEHLKKSS  
QVPRTEAPAPASSTPQEPWPGPTAPSPTSRRPWAVDPFAFAERYAPDKTSTVLTRHSQPATPTP  
LQSRTSIVQAAAGGVPGGGSNNGKTPVCHQCHKVIRGRYLVALGHAYHPEEFVCSQCGKVLEEG  
GFFEEKGAIFCPPCYDVRYAPSCAKCKKITGEIMHALKMTWHVHCFTCAACKTPIRNRAFYMEE  
GVPCERDYEKMFGTKCHGCDFKIDAGDRFLEALGFSWHDTCFVCAICQINLEGKTFYSKKDRPL  
CKSHAFSHV

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

- Immunofluorescence

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## Gene Info — PDLIM7

Entrez GeneID	<a href="#">9260</a>
GeneBank Accession#	<a href="#">NM_005451.3</a>
Protein Accession#	<a href="#">NP_005442.2</a>
Gene Name	PDLIM7
Gene Alias	LMP1
Gene Description	PDZ and LIM domain 7 (enigma)
Omim ID	<a href="#">605903</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

1110003B01Rik|LIM domain protein|PDZ and LIM domain 7