

Datasheet for ABIN7269197
anti-PDLIM7 antibody (AA 90-190)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PDLIM7
Binding Specificity:	AA 90-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDLIM7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PDLIM7 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 90-190 of human PDLIM7 (NP_998801.1).
Sequence:	KPQKASAPAA DPPRYTFAPS VSLNKTARPF GAPPPADSAP QQNGQPLRPL VPDASKQRLM ENTEDWRPRP GTGQSRSFRI LAHLTGTEFM QDPDEEHLKK S
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

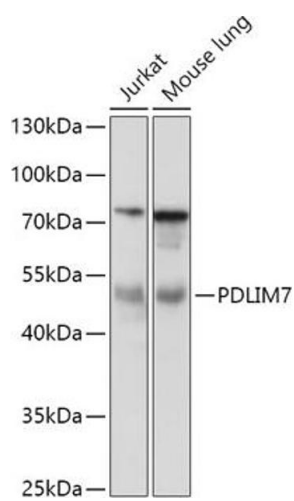
Target:	PDLIM7
Alternative Name:	PDLIM7 (PDLIM7 Products)
Target Type:	Viral Protein
Background:	<p>The protein encoded by this gene is representative of a family of proteins composed of conserved PDZ and LIM domains. LIM domains are proposed to function in protein-protein recognition in a variety of 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.,LMP1,LMP3,PDLIM7,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Microfilaments,Extracellular Matrix,Bone,PDLIM7</p>
Molecular Weight:	50kDa
Gene ID:	9260
UniProt:	Q9NR12

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PDLIM7 antibody (ABIN7269197) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.