



PDLIM7 Rabbit pAb

Catalog No	YP-Ab-18764
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	PDLIM7 ENIGMA
Immunogen	Synthesized peptide derived from human PDLIM7
Specificity	This antibody detects endogenous levels of PDLIM7 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	1113B1Rik;Enigma;LIM domain protein;LIM domain protein enigma;LIM mineralization protein 1;Lim mineralization protein 3;LIM mineralization protein; LMP 1;LMP;LMP1;LMP3;PDLI7_HUMAN;PDLIM 7;Pdlim7;PDZ and LIM doamin protein 7;PDZ and LIM domain 7;PDZ and LIM domain protein 7;Protein enigma; PDLIM7 ENIGMA;PDZ and LIM domain protein 7 (LIM mineralization protein) (LMP) (Protein enigma)
Observed Band	50kD
Calculated Molecular Weight	55 kDa; 5kD(Calculated).
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton . Colocalizes with RET to the cell periphery and in some cytoskeletal components. Colocalizes with TPM2 near the Z line in muscle. Colocalizes with TBX4 and TBX5 to actin filaments (By similarity). .
Tissue Specificity	Isoform 1 and isoform 2 are expressed ubiquitously, however, isoform 2 predominates in skeletal muscle, isoform 1 is more abundant in lung, spleen, leukocytes and fetal liver.
Function	May function as a scaffold on which the coordinated assembly of proteins can occur. May play a role as an adapter that, via its PDZ domain, localizes LIM-binding proteins to actin filaments of both skeletal muscle and nonmuscle



tissues. Involved in both of the two fundamental mechanisms of bone formation, direct bone formation (e.g. embryonic flat bones mandible and cranium), and endochondral bone formation (e.g. embryonic long bone development). Plays a role during fracture repair. Involved in BMP6 signaling pathway (By similarity).

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images