Immunotag™ PDLIM7 Antibody

Antibody Specification

Catalog No.	ITA2784
Product Description	Immunotag™ PDLIM7 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PDLIM7
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PDLIM7.
Specificity	PDLIM7 antibody detects endogenous levels of PDLIM7.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PDLIM7
Accession No.	Q9NR12
Alternate Names	1110003B01Rik; 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;

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Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	55 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.