

Rabbit anti-Human PDLIM1 Polyclonal Antibody | anti-PDLIM1 antibody

Anti-PDLIM1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256464	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PDLIM1; Polyclonal Antibody; Anti-PDLIM1 Antibody; Rabbit Polyclonal; PDLIM1 Antibody; Rabbit PAb; Antigen Affinity Purified; PDZ and LIM domain 1; Anti-CLIM1 Antibody; Anti-CLP-36 Antibody; Anti-CLP36 Antibody; Anti-hCLIM1 Antibody; Anti-HEL-S-112 Antibody; anti-PDLIM1 antibody

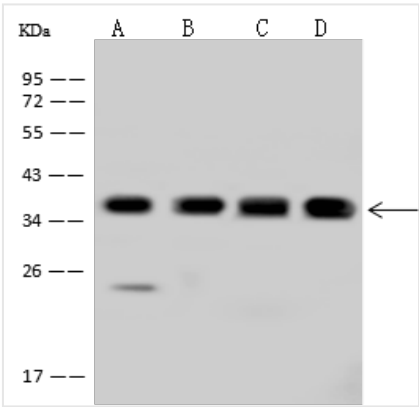
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PDLIM1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PDLIM1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human PDLIM1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PDLIM1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

PDLIM1 was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate 4 uL anti-PDLIM1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PDLIM1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 36 kDa. Observed band size: 36 kDa.



WB (Western Blot)

Anti-PDLIM1 rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lane C: 293T Whole Cell Lysate. Lane D: Caco-2 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 36 kDa. Observed band size: 36 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PDLIM1 antibody	PDLIM1 (PDZ And LIM Domain 1) is a Protein Coding gene. The PDLIM1 gene, located on 10q23.33, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. This gene encodes a member of the enigma protein family. The protein contains two protein-interacting domains, a PDZ domain at the amino-terminal end and one to three LIM domains at the carboxyl-terminal. PDLIM1 is widely expressed in the small intestine, colon, and other tissues, and the protein may function as an adapter to bring other LIM-interacting proteins to the cytoskeleton. Pseudogenes associated with this gene are located on chromosomes 3, 14, and 17. Diseases associated with PDLIM1 include Supravalvular Aortic Stenosis and Donohue Syndrome.
References	Miehe U, et al. (2006) Expression of the actin stress fiber-associated protein clp36 in the human placenta. Histochem Cell Biol 126 (4): 465-471. Liu Z, et al. (2015) PdZ and lim domain protein 1(pdlim1)/clp36 promotes breast cancer cell migration, invasion and metastasis through interaction with alpha-actinin. Oncogene 34 (10): 1300-1311. Kotaka M, et al. (1999) Characterization of the human 36-kDa carboxyl terminal lim domain protein (hclim1). J Cell Biochem 72 (2): 279-285.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.