
Product Name: CLP36 Rabbit Polyclonal Antibody**Catalog #: APRab09062**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000 |
| Molecular Weight | 36kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | PDLIM1 |
| Alternative Names | PDLIM1; CLIM1; CLP36; PDZ and LIM domain protein 1; C-terminal LIM domain protein 1; Elfin; LIM domain protein CLP-36 |
| Gene ID | 9124.0 |
| SwissProt ID | O00151 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PDLIM1. AA range:61-110 |

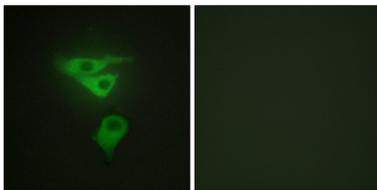
Background

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. It is a cytoplasmic protein associated with the cytoskeleton. 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. [provided by RefSeq, Oct 2012],function:Cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton.,similarity:Contains 1 LIM zinc-binding domain.,similarity:Contains 1 PDZ (DHR) domain.,subcellular location:Associates with the actin stress fibers.,subunit:Interacts with alpha-actinins 1, 2 and 4.,tissue specificity:Strongly expressed in the heart and skeletal muscle, moderately expressed in the spleen, small intestine, colon, placenta, and lung. A lower level expression is seen in liver, thymus, kidney, prostate and pancreas and is not found in the brain, testis, ovary, and peripheral blood leukocytes.,

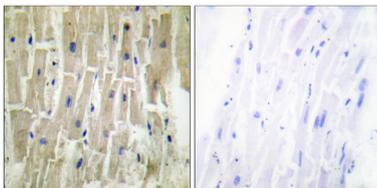
Research Area

Epigenetics and Nuclear Signaling

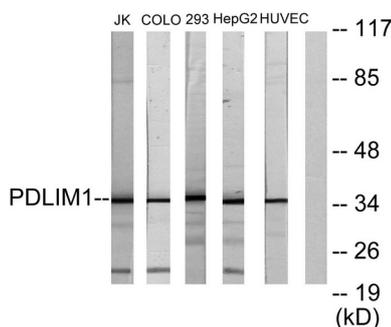
Image Data



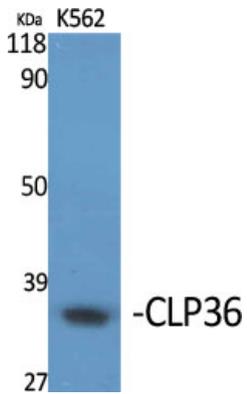
Immunofluorescence analysis of HepG2 cells, using PDLIM1 Antibody. The picture on the right is blocked with the synthesized peptide.



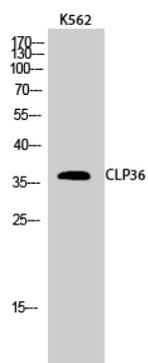
Immunohistochemistry analysis of paraffin-embedded human heart tissue, using PDLIM1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat, COLO205, 293, HepG2, and HUVEC cells, using PDLIM1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CLP36 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of K562 cells using CLP36 Polyclonal Antibody diluted at 1:1000