

CLP36 rabbit pAb**Cat#: orb764880 (Manual)**

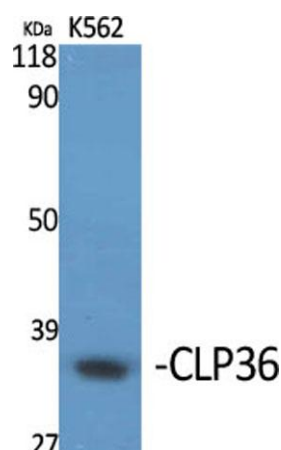
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Product Name	CLP36 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PDLIM1. AA range:61-110
Specificity	CLP36 Polyclonal Antibody detects endogenous levels of CLP36 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PDZ and LIM domain protein 1
Gene Name	PDLIM1
Cellular localization	Cytoplasm . Cytoplasm, cytoskeleton . Cytoplasm, myofibril, sarcomere, Z line . Associates with actin stress fibers. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

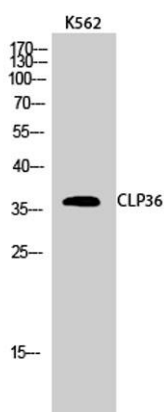
Concentration	1 mg/ml
Observed band	36kD
Human Gene ID	9124
Human Swiss-Prot Number	O00151
Alternative Names	PDLIM1; CLIM1; CLP36; PDZ and LIM domain protein 1; C-terminal LIM domain protein 1; Elfin; LIM domain protein CLP-36

Background

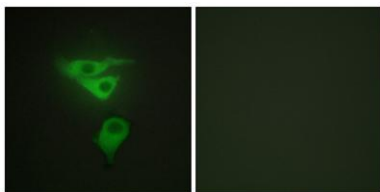
This gene encodes a member of the enigma protein family. The protein contains two protein interacting domains, a PDZ domain at the amino terminal end and one to three LIM domains at the carboxyl terminal. It is a cytoplasmic protein associated with the cytoskeleton. The protein may function as an adapter 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],



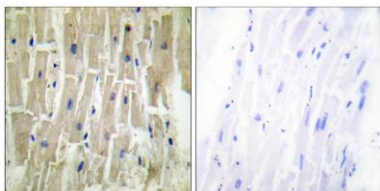
Western Blot analysis of various cells using CLP36 Polyclonal Antibody diluted at 1:1000



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



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.