

产品名称: PDLIM5 Rabbit Polyclonal Antibody
产品货号: APRab15927



产品概述 (Summary)

产品名称 (Production Name)	PDLIM5 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PDLIM5
别名 (Alternative Names)	PDLIM5; ENH; L9; PDZ and LIM domain protein 5; Enigma homolog; Enigma-like PDZ and LIM domains protein
基因 ID (Gene ID)	10611.0
蛋白 ID (SwissProt ID)	Q96HC4.The antiserum was produced against synthesized peptide derived from human PDLIM5. AA range:208-257

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	64kDa

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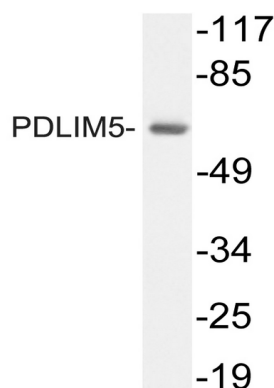
研究背景 (Background)

This gene encodes a member of a family of proteins that possess a 100-amino acid PDZ domain at the N terminus and one to three LIM domains at the C-terminus. This family member functions as a scaffold protein that tethers protein kinases to the Z-disk in striated muscles. It is thought to function in cardiomyocyte expansion and in restraining postsynaptic growth of excitatory synapses. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,disease:May play a role in genetic susceptibility to schizophrenia. PDLIM5 is commonly increased in the brain of patients with bipolar disorder, schizophrenia, and major depression.,function:May play an important role in the heart development by scaffolding PKC to the Z-disk region.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 3 LIM zinc-binding domains.,subunit:Interacts with various PKC isoforms through the LIM domains. Interacts with actin and alpha-actinin through the PDZ domain.,tissue specificity:Heart and skeletal muscle specific.,

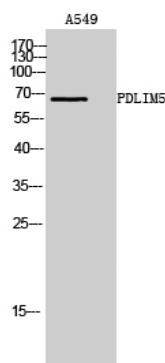
研究领域 (Research Area)

Neuroscience; Neurotransmission; Secretory Vesicles; Signal Transduction; Cytoskeleton / ECM; Cytoskeleton; Microfilaments; Actin etc; Actin Binding Proteins; Protein Phosphorylation; Ser / Thr Kinases; PKC; Signaling Pathway; Calcium Signaling

图片 (Image Data)



Western blot analysis of lysate from A549 cells, using PDLIM5 antibody.



Western Blot analysis of A549 cells using PDLIM5 Polyclonal Antibody

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注意事项 (Note)

For research use only .