

产品名称: MYOZ2 Rabbit Polyclonal Antibody
产品货号: APRab14350



产品概述 (Summary)

产品名称 (Production Name)	MYOZ2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	MYOZ2 C4orf5
别名 (Alternative Names)	MYOZ2 C4orf5
基因 ID (Gene ID)	51778.0
蛋白 ID (SwissProt ID)	Q9NPC6.The antiserum was produced against synthesized peptide derived from the Internal region of human MYOZ2. AA range:21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	30kDa

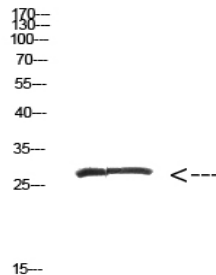
研究背景 (Background)

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The protein encoded by this gene belongs to a family of sarcomeric proteins that bind to calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder. [provided by RefSeq, Aug 2011],function:Myozenins may serve as intracellular binding proteins involved in linking Z-disk proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. Plays an important role in the modulation of calcineurin signaling. May play a role in myofibrillogenesis.,similarity:Belongs to the myozenin family.,subcellular location:Colocalizes with ACTN1 and PPP3CA at the Z-line of heart and skeletal muscle.,subunit:Interacts via its C-terminus with spectrin repeats 3 and 4 of ACTN2. Interacts with ATCN1, LDB3, MYOT and PPP3CA.,tissue specificity:Expressed specifically in heart and skeletal muscle.,

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of hepg2 cells using Antibody diluted at 500. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .