

产品名称: MYCD Rabbit Polyclonal Antibody
产品货号: APRab14266



产品概述 (Summary)

产品名称 (Production Name)	MYCD Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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, 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)	MYOCD MYCD
别名 (Alternative Names)	
基因 ID (Gene ID)	93649.0
蛋白 ID (SwissProt ID)	Q8IZQ8.Synthesized peptide derived from human protein . at AA range: 200-280

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	103kDa

研究背景 (Background)

This gene encodes a nuclear protein, which is expressed in heart, aorta, and in smooth muscle cell-containing tissues. It

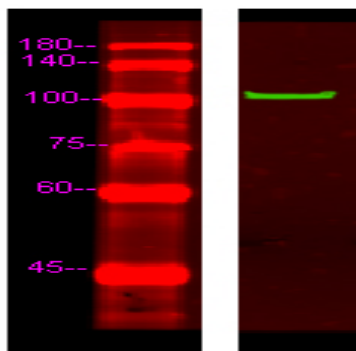
产品名称: MYCD Rabbit Polyclonal Antibody
产品货号: APRab14266



functions as a transcriptional co-activator of serum response factor (SRF) and modulates expression of cardiac and smooth muscle-specific SRF-target genes, and thus may play a crucial role in cardiogenesis and differentiation of the smooth muscle cell lineage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],domain:The C-terminal region contains a general transcription activation domain. The N-terminal region, comprising a basic and a Gln-rich domain, confers transcriptional potency and specificity by mediating association with the MADS box of SRF. The basic domain may be required for nuclear localization. The SAP domain is important for transactivation and ternary complex formation.,function:Transcriptional factor that uses the canonical single or multiple CArG boxes DNA sequence. Binds CArG boxes only in the presence of serum response factor (SRF). Acts as a cofactor of SRF and modulates SRF-target genes. Regulates the expression of a set of cardiac and smooth muscle-specific genes. Plays a crucial role in cardiogenesis and differentiation of the smooth muscle cell lineage.,similarity:Contains 1 SAP domain.,similarity:Contains 3 RPEL repeats.,subunit:Homodimer. Interacts with SRF, its association does not depend on specific DNA sequences for ternary complex formation (By similarity). Interacts with MLLT7/FOXO4.,tissue specificity:Expressed in heart, aorta, and in smooth muscle cell-containing tissues: stomach, bladder, small intestine, colon, lung, placenta and uterus. Very faint expression in prostate and skeletal muscle.,

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of Hela lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .