



Anti-MYOCD (aa 250-350) polyclonal antibody (DPABH-24897)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 250 - 350 of Human Myocardin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Chicken, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	MYOCD myocardin [Homo sapiens]
Official Symbol	MYOCD
Synonyms	MYOCD; myocardin; MYCD;
Entrez Gene ID	93649
Protein Refseq	NP_001139784.1
UniProt ID	Q8IZQ8
Pathway	SRF and miRs in Smooth Muscle Differentiation and Proliferation;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II transcription factor binding transcription factor activity; core promoter sequence-specific DNA binding; protein binding