



Anti-MYL2 polyclonal antibody (DPAB-DC1724)

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

PRODUCT INFORMATION

Antigen Description	MYL2 (myosin, light chain 2, regulatory, cardiac, slow) is a protein-coding gene. Diseases associated with MYL2 include cardiomyopathy, familial hypertrophic, 10, and myl2-related familial hypertrophic cardiomyopathy, and among its related super-pathways are Striated Muscle Contraction and Immune response CCR3 signaling in eosinophils. GO annotations related to this gene include actin monomer binding and calcium ion binding. An important paralog of this gene is MYL12A.
Specificity	Myl2 polyclonal antibody detects endogenous levels of Myl2 protein.
Immunogen	A synthetic peptide corresponding to Myl2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate),
Format	Liquid
Concentration	1 mg/mL
Size	100 µl
Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Preservative	0.05% Sodium Azide

Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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GENE INFORMATION

Gene Name	Myl2 myosin, light chain 2, regulatory, cardiac, slow [Rattus norvegicus (Norway rat)]
Official Symbol	MYL2
Synonyms	MYL2; myosin, light chain 2, regulatory, cardiac, slow; Mlc2; Mlc-2; myosin regulatory light chain 2, ventricular/cardiac muscle isoform; cardiac myosin light chain-2; myosin, light polypeptide 2, regulatory, cardiac, slow;
Entrez Gene ID	363925
Protein Refseq	NP_001030329
UniProt ID	P08733
Chromosome Location	12q16
Pathway	Adrenergic signaling in cardiomyocytes; Cardiac muscle contraction; Dilated cardiomyopathy; Focal adhesion
Function	actin monomer binding; calcium ion binding;
