DNAxPAb | Hard-to-Find Antibody

MYL3 DNAxPab

Catalog # H00004634-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MYL3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAPKKPEPKKDDAKAAPKAAPAPAPPPEPERPKEVEFDASKIKIEFTPEQIEEFKEAFMLFDRTP KCEMKITYGQCGDVLRALGQNPTQAEVLRVLGKPRQEELNTKMMDFETFLPMLQHISKNKDTGTY EDFVEGLRVFDKEGNGTVMGAELRHVLATLGERLTEDEVEKLMAGQEDSNGCINYEAFVKHIMS S
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MYL3

Entrez GeneID	4634
GeneBank Accession#	NM_000258.1
Protein Accession#	NP_000249.1
Gene Name	MYL3
Gene Alias	CMH8, MLC1SB, MLC1V, VLC1
Gene Description	myosin, light chain 3, alkali; ventricular, skeletal, slow
Omim ID	160790 608751
Gene Ontology	Hyperlink
Gene Summary	MYL3 encodes myosin light chain 3, an alkali light chain also referred to in the literature as both th e ventricular isoform and the slow skeletal muscle isoform. Mutations in MYL3 have been identifie d as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy. [provided by RefS eq
Other Designations	OTTHUMP00000165922|myosin, light polypeptide 3, alkali; ventricular, skeletal, slow|slow skelet al ventricular myosin alkali light chain 3

Pathway

- Cardiac muscle contraction
- Hypertrophic cardiomyopathy (HCM)

Disease

- Cardiomegaly
- Cardiomyopathy
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease

- Hypertrophy
- Lipid Metabolism
- Mitochondrial Myopathies