

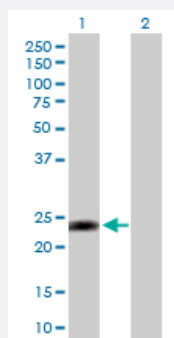
MaxPab®

MYL3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004634-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MYL3 expression in transfected 293T cell line ([H00004634-T02](#)) by MYL3 MaxPab polyclonal antibody.

Lane 1: MYL3 transfected lysate (21.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MYL3 protein.
Immunogen	MYL3 (NP_000249.1, 1 a.a. ~ 195 a.a) full-length human protein.
Sequence	MAPKKPEPKKDDAKAAPKAAPAPAPPPEPERPKEVEFDASKIKIEFTPEQIEEFKEAFMLFD RTP KCEMKITYGQC GDVLRALGQNPTQAEVLRVLGKPRQEELNTKMMD FETFLPMLQHISKNKDTGT YEDFVEGLRVFDKEGNGTVMGAELRHVLATLGERLTEDEVEKLMAGQEDSNGCINYEAFVKHIMS S
Host	Rabbit
Reactivity	Human
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)

Western Blot analysis of MYL3 expression in transfected 293T cell line ([H00004634-T02](#)) by MYL3 MaxPab polyclonal antibody.

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[Protocol Download](#)

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 the ventricular isoform and the slow skeletal muscle isoform. Mutations in MYL3 have been identified as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy. [provided by RefSeq]

Other Designations OTTHUMP00000165922|myosin, light polypeptide 3, alkali; ventricular, skeletal, slow|slow skeletal 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](#)