

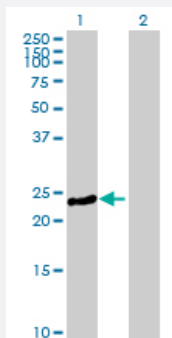
MaxPab®

MYL3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004634-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MYL3 expression in transfected 293T cell line ([H00004634-T01](#)) by MYL3 MaxPab polyclonal antibody.

Lane 1: MYL3 transfected lysate(21.45 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	Mouse
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

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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](#)