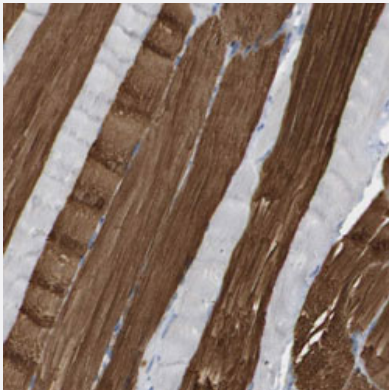


MYL3 polyclonal antibody

Catalog # PAB30880 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skeletal muscle with MYL3 polyclonal antibody (Cat # PAB30880) shows strong cytoplasmic positivity in subsets of muscle fibers.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human MYL3.
Immunogen	Recombinant protein corresponding to human MYL3.
Sequence	KPEPKKDDAKAAPKAAPAPAPPPEPERPKEVEFDASKIKIEFTPEQIEEFKEAFMLFDRTPKCCEM
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

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

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — MYL3

Entrez GeneID [4634](#)

Protein Accession# [P08590](#)

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](#)