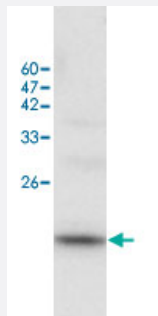


# MYL3 polyclonal antibody

Catalog # PAB19127      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of BGC-823 whole cell lysate with MYL3 polyclonal antibody (Cat # PAB19127) at 1:500 dilution.

## Specification

**Product Description** Rabbit polyclonal antibody raised against full length recombinant MYL3.

**Immunogen** Recombinant protein corresponding to full length human MYL3.

**Host** Rabbit

**Reactivity** Human

**Specificity** It can expression in BGC823 whole cell lysate.

**Form** Liquid

**Recommend Usage** Western blot (1:500)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In serum

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

## Applications

- Western Blot (Cell lysate)

Western blot analysis of BGC-823 whole cell lysate with MYL3 polyclonal antibody (Cat # PAB19127) at 1:500 dilution.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MYL3

|                    |                                                                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">4634</a>                                                                                                                                                                                                                                                                                       |
| Protein Accession# | <a href="#">P08590</a>                                                                                                                                                                                                                                                                                     |
| Gene Name          | MYL3                                                                                                                                                                                                                                                                                                       |
| Gene Alias         | CMH8, MLC1SB, MLC1V, VLC1                                                                                                                                                                                                                                                                                  |
| Gene Description   | myosin, light chain 3, alkali; ventricular, skeletal, slow                                                                                                                                                                                                                                                 |
| Omim ID            | <a href="#">160790 608751</a>                                                                                                                                                                                                                                                                              |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                  |
| 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](#)