

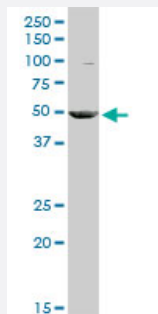
MaxPab®

# CKM purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001158-D01P

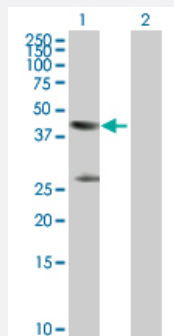
Size 100 ug

## Applications



### Western Blot (Cell lysate)

CKM MaxPab rabbit polyclonal antibody. Western Blot analysis of CKM expression in HepG2.



### Western Blot (Transfected lysate)

Western Blot analysis of CKM expression in transfected 293T cell line ([H00001158-T01](#)) by CKM MaxPab polyclonal antibody.

Lane 1: CKM transfected lysate(43.10 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human CKM protein.

### Immunogen

CKM (AAH07462.1, 1 a.a. ~ 381 a.a) full-length human protein.

### Sequence

MPFGNTHNKFKLNYKPEEEYPDL SKHNNHMAKVL TLELYKKLRDKETPSGFTVDDVIQTGVDNPG  
HPFIMTVGCVAGDEESYEVFKELFDPIISDRHGGYKPTDKHKTDLNHENLKGDDLDPNYVLSSR  
VRTGRSIKGYTLPPHCSRGERRAVEKLSVEALNSLTGEFKGKYPLKSMTEKEQQQLIDDHFLFD  
KPVSPLLLASGMARDWPDARGMWHNDNKSLLVWVNEEDHLRVISMEKGGNMKEVFRFCVGLQ  
KIEEIFKKAGHPFMWNQHLGYVLTCP SNLGTGLRGGVHV KLAHLSKHHPKFEEILTRLRLQKRGTTG  
VDTAAVGSVFDVSNADRLGSSEVEQVQLVVDGVKLMVEMEKKLEKGQSIDD MIPAQK

### 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 (Cell lysate)

CKM MaxPab rabbit polyclonal antibody. Western Blot analysis of CKM expression in HepG2.

[Protocol Download](#)

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Western Blot analysis of CKM expression in transfected 293T cell line ([H00001158-T01](#)) by CKM MaxPab polyclonal antibody.

Lane 1: CKM transfected lysate(43.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — CKM

|                     |                            |
|---------------------|----------------------------|
| Entrez GeneID       | <a href="#">1158</a>       |
| GeneBank Accession# | <a href="#">BC007462</a>   |
| Protein Accession#  | <a href="#">AAH07462.1</a> |
| Gene Name           | CKM                        |
| Gene Alias          | CKMM, M-CK                 |
| Gene Description    | creatine kinase, muscle    |
| Omim ID             | <a href="#">123310</a>     |
| Gene Ontology       | <a href="#">Hyperlink</a>  |

**Gene Summary**

The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in striated muscle as well as in other tissues, and as a heterodimer with a similar brain isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. [provided by RefSeq]

**Other Designations**

creatine kinase M chain|creatine kinase-M|muscle creatine kinase

## Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)

## Disease

- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Task Performance and Analysis](#)