

CKM

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 43kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human CKM

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CKMM; M-CK;

Catalog #: A2827

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1158

Isotype: IgG

Swiss Prot: P06732

Purity: Affinity purification

For research use only.

Background:

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.

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