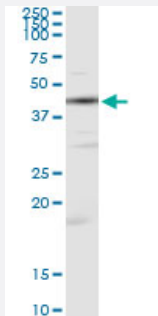


# CKM (Human) IP-WB Antibody Pair

Catalog # H00001158-PW2

Size 1 Set

## Applications



Immunoprecipitation of CKM transfected lysate using mouse monoclonal anti-CKM and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-CKM.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CKM transfected lysate using mouse monoclonal anti-CKM and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with rabbit polyclonal anti-CKM.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-CKM (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-CKM (50 ul)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — CKM

Entrez GeneID [1158](#)

Gene Name CKM

Gene Alias CKMM, M-CK

Gene Description creatine kinase, muscle

Omim ID [123310](#)

Gene Ontology [Hyperlink](#)

**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](#)