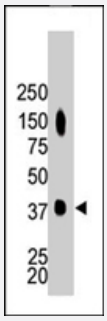
CKM polyclonal antibody

Catalog # PAB4618 Size 400 uL

Applications



Western Blot (Tissue lysate)

The CKM polyclonal antibody (Cat # PAB4618) is used in Western blot to detect CKM in mouse heart tissue lysate .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CKM.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human CKM.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  The CKM polyclonal antibody (Cat # PAB4618) is used in Western blot to detect CKM in mouse heart tissue lysate .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CKM

Entrez GeneID	1158
Protein Accession#	P06732
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