

Rabbit anti-Human, mouse CKM Polyclonal Antibody | anti-CKM antibody

CKM Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283814	Rabbit	Human, mouse	ELISA, Western Blot

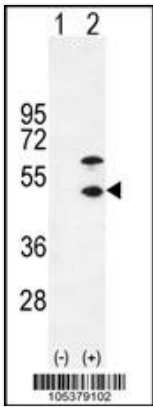
PRODUCT SYNONYMS

CKM; Polyclonal Antibody; CKM Antibody (N-term); Creatine kinase M-type; Creatine kinase M chain; M-CK; N-terminally processed; CKMM; anti-CKM antibody

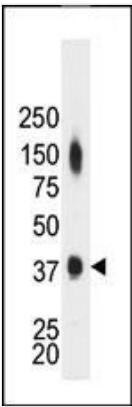
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CKM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CKM.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	381
Applicable Applications for anti-CKM antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of CKM (arrow) using rabbit polyclonal CKM-T6. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CKM gene.



WB (Western Blot)
The anti-CKM Pab is used in Western blot to detect CKM in mouse heart tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CKM antibody	Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa. The CKM isoform, predominant in skeletal muscle and heart tissue, is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. CKM 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.
Product Categories/Family for anti-CKM antibody	Cardiovascular; Cell Biology; Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536288
NCBI GeneID	1158
NCBI Accession #	NP_001815.2
NCBI GenBank Nucleotide #	NM_001824.4
UniProt Accession #	P06732; Q96QL9
Molecular Weight	43101
NCBI Official Full Name	creatine kinase M-type
NCBI Official Synonym Full Names	creatine kinase, muscle
NCBI Official Symbol	CKM
NCBI Official Synonym Symbols	CKMM; M-CK
NCBI Protein Information	creatine kinase M-type
UniProt Protein Name	Creatine kinase M-type
UniProt Gene Name	CKM
UniProt Synonym Gene Names	CKMM
UniProt Entry Name	KCRM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ckm-antibody-western-blot-elisa/283814>