

CKM Polyclonal Antibody | anti-CKM antibody

CKM

CATALOG # AAA279537	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	--	-------------------------------------

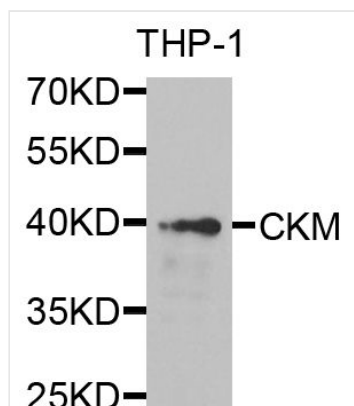
PRODUCT SYNONYMS

CKM; Polyclonal Antibody; anti-CKM antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	381
Applicable Applications for anti-CKM antibody	WB (Western Blot)
Source	Rabbit
Immunogen	Recombinant protein of human CKM
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles

IMAGES



WB (Western Blot)

Western blot analysis of extracts of THP-1 cells, using CKM antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CKM antibody	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.
Product Categories/Family for anti-CKM antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	125305
NCBI GeneID	1158
UniProt Accession #	P06732; Q96QL9
Molecular Weight	Calculated: 40kDa Observed: 43kDa
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; creatine kinase M chain
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.