

Rabbit Creatine Kinase, Muscle (CKM) Polyclonal Antibody | anti-CKM antibody

Polyclonal Antibody to Creatine Kinase, Muscle (CKM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20157	Rabbit	Human, Mouse, Rat, Dog	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

Creatine Kinase; Muscle (CKM); Polyclonal Antibody; Polyclonal Antibody to Creatine Kinase; anti-CKM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CKM. It has been selected for its ability to recognize CKM in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and the sequence is listed below. MG HHHHHHSGSE F-KLNYKPEE EYPDLKHHN HMAKVLTLLEL YKKLRDKETP SGFTVDDVIQ TGVDNPGHPF IMTVGCVAGD EESYEVFKEL FDPISDRHG GYKPTDKHKT DLNHNELKGG DDLDPNYVLS SRVRTGRSIK GYTLPPHCSR GERRAVEKLS VEALNSLTGE FKGKYYPLKS MTEKEQQQLI DDHFLFDKPV SPLLLASGMA RDWPDARGIW HNDNKSFLVW VNEEDHLRVI SMEKGGNMKE VFRRFCVGLQ KIEEIFKKAG HPFMWNQHLG YVLTCPNSLG TGLRGGVHVK LAHLSKHPKF EEILTRLRLQ KRGTGGVDTA AVGSVFDVSN ADRLGSSEVE QVQLVVDGVK LMVEMEKKL
Sequence Length	406
Applicable Applications for anti-CKM antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant CKM (Lys11~Leu367) expressed in E.coli.
Cross Reactivity	Human
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Human Tissue



WB (Western Blot)
Western Blot: Sample: Canine Heart lysate; Primary Ab: 2ug/ml Rabbit Anti-Human CKM Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Canine Brain lysate; Primary Ab: 2ug/ml Rabbit Anti-Human CKM Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



WB (Western Blot)
Western Blot: Sample: Mouse Heart lysate; Primary Ab: 2ug/ml Rabbit Anti-Human CKM Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



WB (Western Blot)
Western Blot: Sample: Mouse Brain lysate; Primary Ab: 2ug/ml Rabbit Anti-Human CKM Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

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	43,101 Da
NCBI Official Full Name	creatine kinase M-type
NCBI Official Synonym Full Names	creatine kinase, M-type
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

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.