Creatine Kinase (CKB) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Creatine Kinase (CKB), Polyclonal Antibody
Full Product Name	FITC-Linked Polyclonal Antibody to Creatine Kinase, Brain (CKB)
Product Gene Name	anti-CKB antibody
Product Synonym Names	CK-BB; CKBB; CK-B; CK-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Pig
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: CKB (MBS2004007) FITC Conjugated Antibody: CKB (MBS2062250)
Matching Pairs	FITC Conjugated Antibody: CKB (MBS2062250) Immunogen: CKB (MBS2009956)
Molecular Weight	43,101 Da
OMIM	M14780 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	CKB (Lys11~Leu367)
Conjugation	FITC
Cross Reactivity	Human
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2004007
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-CKB antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-CKB antibody	MBS2062250 is an antibody targeting CKB. Also known as FITC-Linked Polyclonal Antibody to Creatine Kinase, Brain (CKB). Reactive in Human, Mouse, Rat, Pig. Host: Rabbit.
Other Notes	Small volumes of anti-CKB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CKB. It may not necessarily be applicable to this product.

NCBI GI #	180588
NCBI Accession #	AAA96609.1
UniProt Secondary Accession #	Q96QL9
NCBI Official Full Name	creatine kinase

UniProt Protein Name	Creatine kinase M-type
UniProt Synonym Protein Names	Creatine kinase M chain; M-CK
Protein Family	Creatine kinase
UniProt Gene Name	CKM
UniProt Synonym Gene Names	CKMM
UniProt Comments for CKB	CKM: Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). 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. Belongs to the ATP:guanido phosphotransferase family. Protein type: Amino Acid Metabolism - arginine and proline; EC 2.7.3.2; Kinase, other Chromosomal Location of Human Ortholog: 19q13.32 Cellular Component: cytosol Molecular Function: creatine kinase activity; protein binding Biological Process: creatine metabolic process
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