

Rabbit anti-Human, mouse Creatine Kinase B Polyclonal Antibody | anti-CKB antibody

Creatine Kinase B Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283867	Rabbit	Human, mouse	ELISA, Western Blot

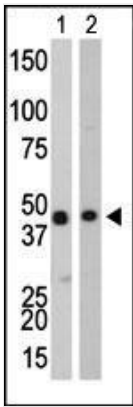
PRODUCT SYNONYMS

Creatine Kinase B; Polyclonal Antibody; Creatine Kinase B Antibody (C-term); Creatine kinase B-type; B-CK; Creatine kinase B chain; CKB; CKBB; anti-CKB antibody

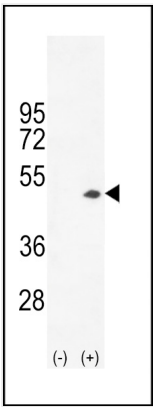
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Creatine Kinase B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 240-270 amino acids from the C-terminal region of human Creatine Kinase B.
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	240-270
Sequence Length	381
Applicable Applications for anti-CKB 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)
The anti-CKB Pab is used in Western blot to detect CKB in Y79 cell lysate (Lane 1) and mouse colon tissue lysate (Lane 2).



WB (Western Blot)
Western blot analysis of CKB (arrow) using rabbit polyclonal CKB-C254. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CKB gene.

ADDITIONAL INFORMATION

Related Product Information for anti-CKB antibody	Creatine Kinase (CK) is a dimeric enzyme composed of either M- or B-type subunits. The resulting isoenzymes are expressed at varying levels in different tissues. CK-BB, a cytoplasmic predominantly found in brain tissues, participates in energy homeostasis, reversibly catalyzing the transfer of a phosphate group between ATP and target proteins such as a creatine phosphate. CK-BB exists in normally neglible amounts in the serum of adults, overexpression of CK-BB is associated with cancers of the breast, ovary, prostate, colon, and in small-cell lung cancer. Global assessment of changes in serum levels of CK-BB, CK-MB and CK-MM, are used as a marker for myocardial infarction.
Product Categories/Family for anti-CKB antibody	Cancer; Cardiovascular; Cell biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536286
NCBI GeneID	1152
NCBI Accession #	NP_001814.2
NCBI GenBank Nucleotide #	NM_001823.4
UniProt Accession #	P12277; Q2LE07; Q6FG40; Q9UC66; A8K236; B2R5R4
Molecular Weight	42644
NCBI Official Full Name	creatine kinase B-type
NCBI Official Synonym Full Names	creatine kinase, brain
NCBI Official Symbol	CKB
NCBI Official Synonym Symbols	BCK; B-CK; CKBB; HEL-211; HEL-S-29
NCBI Protein Information	creatine kinase B-type
UniProt Protein Name	Creatine kinase B-type
UniProt Gene Name	CKB
UniProt Synonym Gene Names	CKBB
UniProt Entry Name	KCRB_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/creatine-kinase-b-antibody-western-blot-elisa/283867>