

Rabbit anti-Human CKMT2 Polyclonal Antibody | anti-CKMT2 antibody

CKMT2 Antibody

CATALOG # AAA118700	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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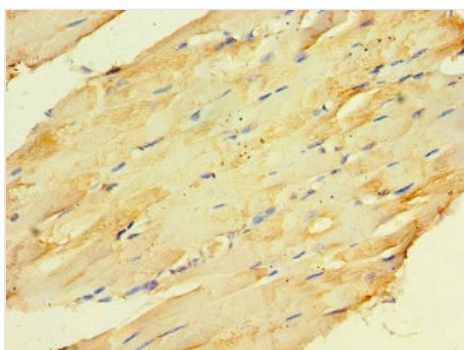
PRODUCT SYNONYMS

CKMT2; Polyclonal Antibody; CKMT2 Antibody; Creatine kinase S-type; mitochondrial; Basic-type mitochondrial creatine kinase; Mib-CK; Sarcomeric mitochondrial creatine kinase; S-MtCK; anti-CKMT2 antibody

PRODUCT SPECIFICATIONS

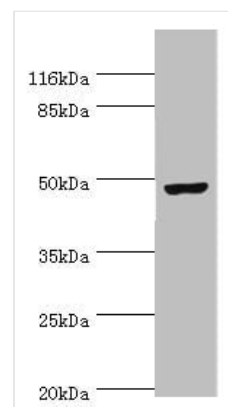
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	419
Applicable Applications for anti-CKMT2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Creatine kinase S-type, mitochondrial protein (40-230aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15167 / sc-15168 / sc-15169
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle using AAA118700 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: CKMT2 antibody at 6ug/ml+Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 48kDaObserved band size: 48kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CKMT2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153251984
NCBI GeneID	1160
NCBI Accession #	NP_001093205.1
NCBI GenBank Nucleotide #	NM_001099735.1
UniProt Accession #	P17540; Q6ICS8; Q8N1E1
Molecular Weight	47,504 Da
NCBI Official Full Name	creatine kinase S-type, mitochondrial
NCBI Official Synonym Full Names	creatine kinase, mitochondrial 2
NCBI Official Symbol	CKMT2
NCBI Official Synonym Symbols	SMTCK
NCBI Protein Information	creatine kinase S-type, mitochondrial
UniProt Protein Name	Creatine kinase S-type, mitochondrial
UniProt Gene Name	CKMT2
UniProt Synonym Gene Names	Mib-CK; S-MtCK
UniProt Entry Name	KCRS_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/ckmt2-antibody-immunohistochemistry-western-blot-elisa/118700>