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CKMT1B Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15483

Specification

CKMT1B Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	P12532
Other Accession	XP_005254554
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

CKMT1B Antibody - N-terminal region - Additional Information

Gene ID 1159;548596

Other Names
Creatine kinase U-type, mitochondrial, 2.7.3.2, Acidic-type mitochondrial creatine kinase, Mia-CK, Ubiquitous mitochondrial creatine kinase, U-MtCK, CKMT1A, CKMT

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 &mu, l of distilled water. Final Anti-CKMT1B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
CKMT1B Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CKMT1B Antibody - N-terminal region - Protein Information

Name CKMT1A

Synonyms CKMT

Function
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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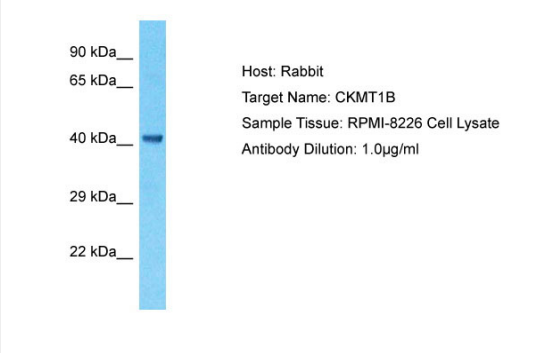
Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Intermembrane side

CKMT1B Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CKMT1B Antibody - N-terminal region - Images



Host: Rabbit
Target Name: CKMT1B
Sample Tissue: RPMI-8226 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

CKMT1B Antibody - N-terminal region - References

Haas R.C.,et al.J. Biol. Chem. 264:2890-2897(1989).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Totoki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).