

CKMT2 Antibody (YA793)

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| Cat. No.: | HY-P80621 |
| Synonyms: | CKMT2 Antibody (YA793) is a non-conjugated and Mouse originated monoclonal antibody about 48 kDa, targeting to CKMT2 (3F4). It can be used for WB assays with tag free, in the background of Rat. |
| Host: | Mouse |
| Reactivity: | Rat |
| Conjugation: | Non-conjugated |
| SwissProt ID: | P17540 |
| Research Field: | Tags & Cell Markers |
| Molecular Weight: | Predicted band size: 48 kDa |

PROPERTIES

| Formulation | Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide. | | | | |
|------------------------------|--|-------------|----------------|----|---------------|
| Purity | affinity purified | | | | |
| Storage & Stability | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. | | | | |
| Appearance | Liquid | | | | |
| Application & Dilution Ratio | <table> <thead> <tr> <th>Application</th> <th>Dilution Ratio</th> </tr> </thead> <tbody> <tr> <td>WB</td> <td>1:500-1:1,000</td> </tr> </tbody> </table> | Application | Dilution Ratio | WB | 1:500-1:1,000 |
| Application | Dilution Ratio | | | | |
| WB | 1:500-1:1,000 | | | | |
| Shipping | Shipping with blue ice. | | | | |

DESCRIPTION

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| Background | <p>CKMT2 (3F4): Mitochondrial creatine kinase (MtCK) is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. It belongs to the creatine kinase isoenzyme family. It exists as two isoenzymes, sarcomeric MtCK and ubiquitous MtCK, encoded by separate genes. Mitochondrial creatine kinase occurs in two different oligomeric forms: dimers and octamers, in contrast to the exclusively dimeric cytosolic creatine kinase isoenzymes. Sarcomeric mitochondrial creatine kinase has 80% homology with the coding exons of ubiquitous mitochondrial creatine kinase. This gene contains sequences homologous to several motifs that are shared among some nuclear genes encoding mitochondrial proteins and thus may be essential for the coordinated activation of these genes during mitochondrial biogenesis. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]</p> |
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Caution: Product has not been fully validated for medical applications. For research use only.

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