

[Go to Product page](#)

## Datasheet for ABIN7140309 **anti-CKMT1A antibody**

### Overview

Quantity:	100 µL
Target:	CKMT1A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CKMT1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Purified recombinant human CKMT1 protein fragments expressed in E.coli.
Isotype:	IgG1, IgG1 kappa
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rabbit, Rat
Purification:	Affinity purified

### Target Details

Target:	CKMT1A
Alternative Name:	CKMT1A ( <a href="#">CKMT1A Products</a> )
Background:	Background: Mitochondrial creatine (MtCK) kinase is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. 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

## Target Details

demands, such as skeletal muscle.

Aliases: CKMT, CKMT1, UMTCK, CKMT1A

UniProt: [P12532](#)

## Application Details

Application Notes: Recommended dilution:WB:1:500-1:5000,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine ( pH 7.4, 150 mM NaCl) with 0.2 % sodium azide, 50 %,glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.