

Datasheet for ABIN659131  
**anti-CAMKK2 antibody**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	CAMKK2
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This CAMKK2 monoclonal antibody is generated from mouse immunized with CAMKK2 recombinant protein.
Clone:	239CT7-5-3
Isotype:	IgM kappa
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

## Target Details

Target:	CAMKK2
Alternative Name:	CAMKK2 ( <a href="#">CAMKK2 Products</a> )
Background:	The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade by phosphorylating the downstream kinases CaMK1 and CaMK4. Seven transcript variants encoding six distinct isoforms have been

## Target Details

identified for this gene. Additional splice variants have been described but their full-length nature has not been determined. The identified isoforms exhibit a distinct ability to undergo autophosphorylation and to phosphorylate the downstream kinases.

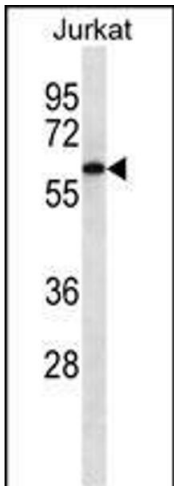
Molecular Weight:	64746
Gene ID:	10645
NCBI Accession:	<a href="#">NP_001257414</a> , <a href="#">NP_001257415</a> , <a href="#">NP_006540</a> , <a href="#">NP_705719</a> , <a href="#">NP_705720</a> , <a href="#">NP_757363</a> , <a href="#">NP_757364</a> , <a href="#">NP_757365</a> , <a href="#">NP_757380</a>
UniProt:	<a href="#">Q96RR4</a>
Pathways:	<a href="#">AMPK Signaling</a>

## Application Details

Application Notes:	WB: 1:100~250. WB: 1:100~250
Restrictions:	For Research Use only

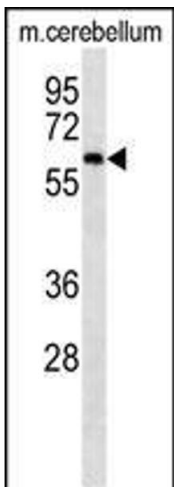
## Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	CAMKK2 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** CKK2 1907b western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the CKK2 antibody detected the CKK2 protein (arrow).



#### Western Blotting

**Image 2.** CKK2 1907b western blot analysis in mouse cerebellum tissue lysates (35 µg/lane). This demonstrates the CKK2 antibody detected the CKK2 protein (arrow).