

Datasheet for ABIN3030260

anti-CAMKK2 antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	CAMKK2
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CAMKK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This CAMKK2 monoclonal antibody was produced from a mouse immunized with CAMKK2 recombinant protein.
Clone:	239CT7-5-3
Isotype:	IgM kappa
Purification:	Purified

Target Details

Target:	CAMKK2
Alternative Name:	CAMKK2 (CAMKK2 Products)
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

Target Details

kinases CaMK1 and CaMK4. Seven transcript variants encoding six distinct isoforms have been 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.

UniProt: [Q96RR4](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: Titration of the CAMKK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:250

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % 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: -20 °C

Storage Comment: Aliquot the CAMKK2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. CAMKK2 western blot analysis in Jurkat lysate.
Predicted molecular weight 60-65 kDa.



Western Blotting

Image 2. CAMKK2 western blot analysis in Jurkat lysate.
Predicted molecular weight 60-65 kDa.



Western Blotting

Image 3. CAMKK2 western blot analysis in mouse cerebellum tissue lysate.