

Datasheet for ABIN7435484  
**anti-CAMK2A antibody (AA 1-478)**[Go to Product page](#)

## 7 Images

## Overview

Quantity:	100 µL
Target:	CAMK2A
Binding Specificity:	AA 1-478
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a)
Immunogen:	Recombinant Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a) corresponding to Met1~His478
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CAMK2a. It has been selected for its ability to recognize CAMK2a in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

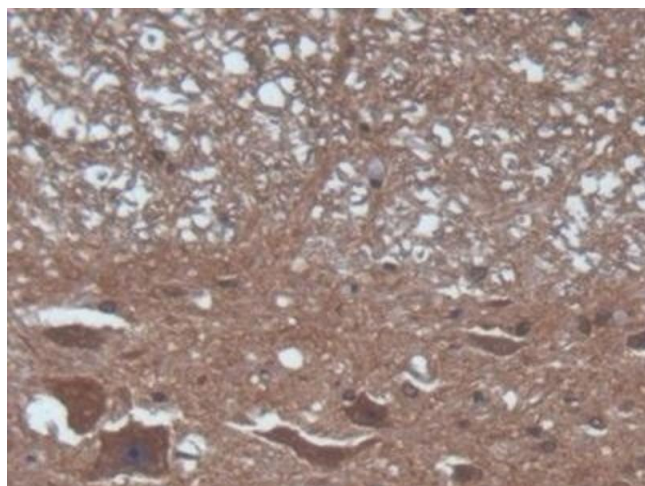
Target:	CAMK2A
Alternative Name:	Calcium/Calmodulin Dependent Protein Kinase II Alpha ( <a href="#">CAMK2A Products</a> )
Background:	CAMKA
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:200-800 Immunohistochemistry: 5-20 µg/mL 1:20-80 Immunocytochemistry: 5-20 µg/mL 1:20-80 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

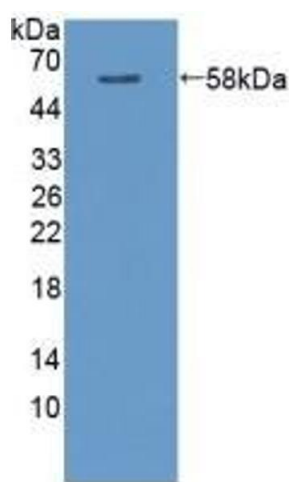
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



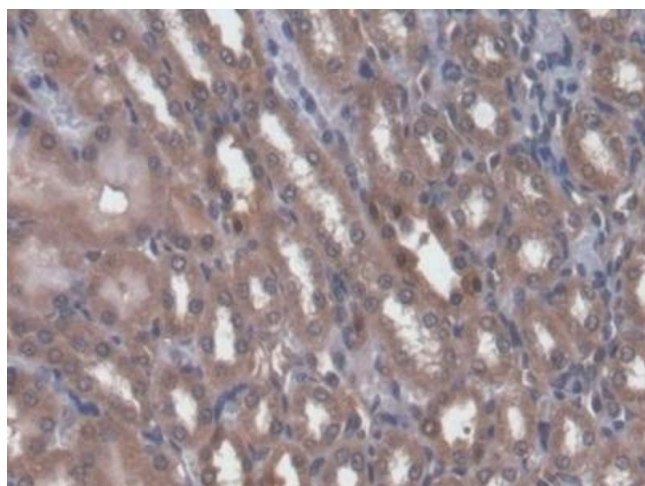
#### Immunohistochemistry

**Image 1.** Detection of CAMK2a in Rat Spinal cord Tissue using Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a)



#### Western Blotting

**Image 2.** Detection of Recombinant CAMK2a, Rat using Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a)



#### Immunohistochemistry

**Image 3.** Detection of CAMK2a in Rat Kidney Tissue using Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7435484.