

Datasheet for ABIN5013280
anti-CAMK1 antibody (AA 1-370)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CAMK1
Binding Specificity:	AA 1-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	CAMK1 (Met1-Leu370)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CAMK1. It has been selected for its ability to recognize CAMK1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography

Target Details

Target:	CAMK1
Alternative Name:	Calcium/Calmodulin Dependent Protein Kinase I (CAMK1) (CAMK1 Products)
Background:	Alternative Names: CAMKI, CaM kinase I alpha

Target Details

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of Muscle Cell Differentiation](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes:

- Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 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

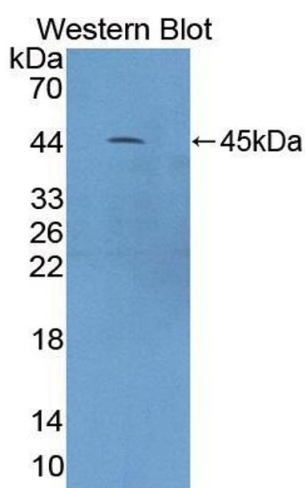
Handling

Format: Liquid

Concentration: Lot specific

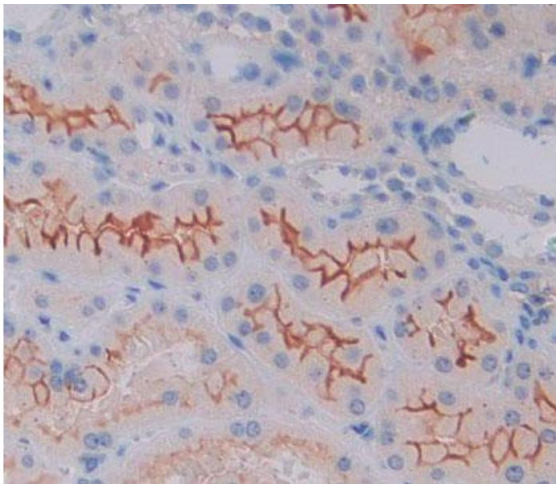
Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Images



Western Blotting

Image 1. Figure. Western Blot; Sample: Recombinant protein.



Immunohistochemistry

Image 2. Used in DAB staining on formalin fixed paraffin-embedded kidney tissue