

# Anti-CaM Kinase 4/CaMKIV antibody



Catalog Number: 104696

## Product name

Anti-CaM Kinase 4/CaMKIV antibody

## Specificity

Human CAMKIV/CAMK4

## Antibody description

Rabbit polyclonal to CaM Kinase 4/CaMKIV

## Preparation

Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human CAMKIV/CAMK4, and purified by antigen affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

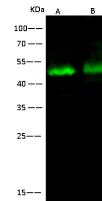
WB, IF, ICC/IF

## Dilutions

WB: 5-10 µg/ml

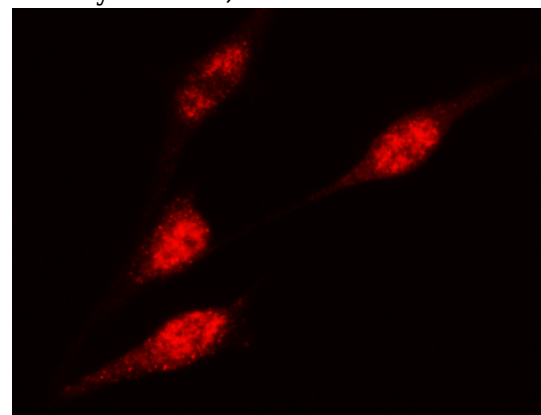
ICC/IF: 0.5-1.5 µg/mL

## Validations



Items	Lanes	A	B
Sample (whole cell lysate)		HeLa	HEK293
Sample Volume (µg/lane)		30	30
Gel		13% SDS-PAGE reducing gel	
Recommended Concentration		5-10 µg/ml	
Secondary Antibody		Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.	
		Developed using Odyssey imaging system.	
Explanation		Predicted band size : 52 kDa Observed band size : 52 kDa	

CAMKIV / CAMK4 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



CAMKIV / CAMK4 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunofluorescence

Immunofluorescence staining of CAMK4 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human CAMK4 polyclonal antibody (1 µg/ml) at 4°C overnight. Then cells were stained with the Alexa Fluor® 594-conjugated Goat Anti-rabbit IgG secondary antibody (red). Positive staining was localized to cytoplasm and nucleus.