

Datasheet for ABIN7303040

anti-CAMK4 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CAMK4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CaMK4.
Specificity:	Recognizes endogenous levels of CaMK4 protein.
Characteristics:	Rabbit polyclonal antibody to CaMK4
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	CAMK4
Alternative Name:	CaMK4 (CAMK4 Products)
Background:	CAMK, CAMK-GR, CAMKIV, Calcium/calmodulin-dependent protein kinase type IV, CaMK IV, CaM kinase-GR

Target Details

Gene ID:	814, 25050
UniProt:	Q16566 , P08414 , P13234
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Production of Molecular Mediator of Immune Response , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

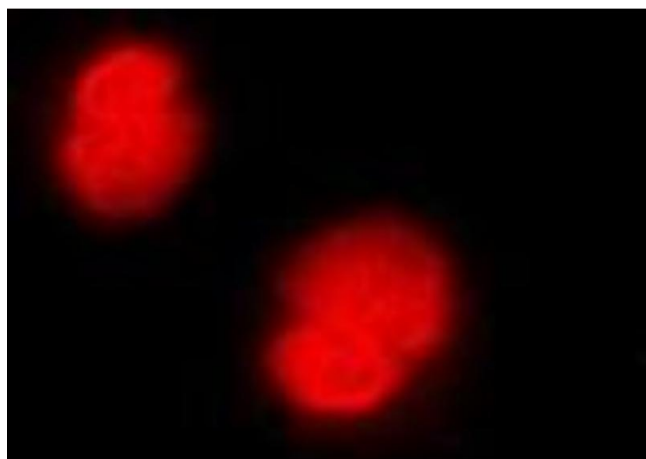
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

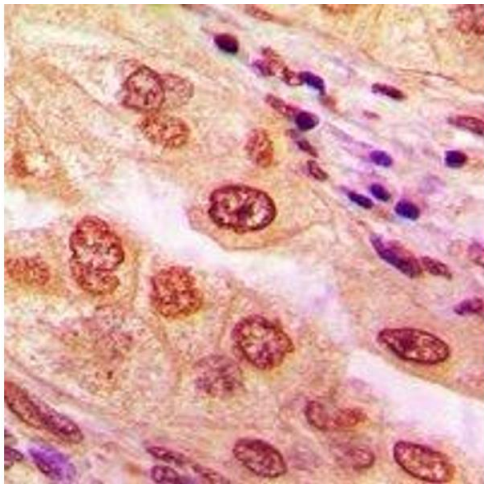
Handling

Format:	Liquid
Buffer:	Liquid in PBS, pH 7.3, 0.2 % BSA, and 0.02 % 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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images

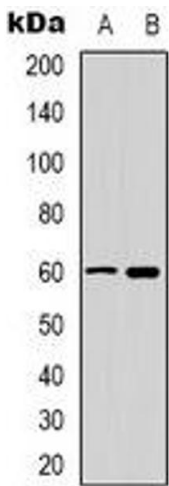


Immunofluorescence
Image 1. Immunofluorescent analysis of CaMK4 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Immunohistochemistry

Image 2. Immunohistochemical analysis of CaMK4 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with



Western Blotting

Image 3. Western blot analysis of CaMK4 expression in Jurkat (A), K562 (B) whole cell lysates.