

Datasheet for ABIN7139755
anti-CAMK2N2 antibody (AA 10-28)



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1 Image

Overview

Quantity:	100 µL
Target:	CAMK2N2
Binding Specificity:	AA 10-28
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK2N2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence from Human Calcium/calmodulin-dependent protein kinase II inhibitor 2 protein (10-28AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CAMK2N2
Alternative Name:	CAMK2N2 (CAMK2N2 Products)
Background:	Background: Potent and specific cellular inhibitor of CaM-kinase II (CAMK2). Traps

Target Details

Ca(2+)/calmodulin on CAMK2. May play an important role in the regulation of cell growth when overexpressed in colon adenocarcinoma LoVo cells. Traps Ca(2+)/calmodulin on CAMK2.

Aliases: CAMK2N2Calcium/calmodulin-dependent protein kinase II inhibitor 2 antibody, CaM-KII inhibitory protein antibody, CaM-KIIN antibody

UniProt: [Q96S95](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

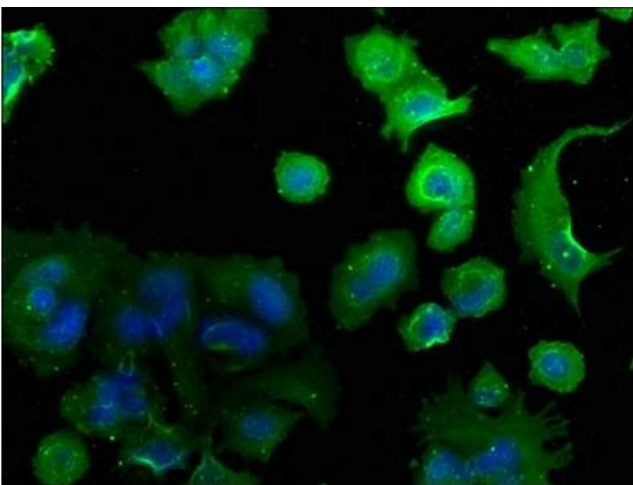
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of MCF-7 cells with ABIN7139755 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).