

CAMKK2 Antibody

Catalog No: #43469

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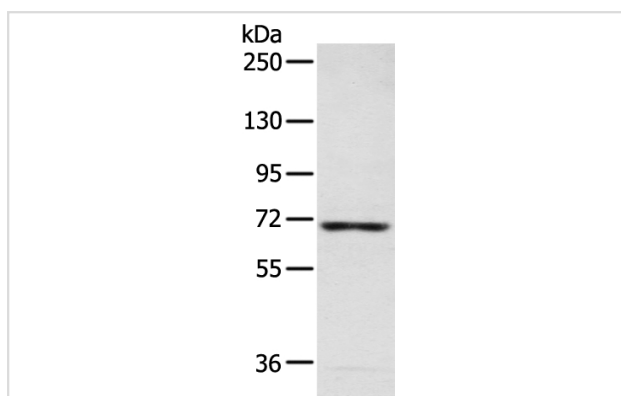
Description

Product Name	CAMKK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CAMKK2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CAMKK2
Target Name	CAMKK2
Other Names	CAMKK; CAMKKB
Accession No.	Swiss-Prot#: Q96RR4Gene ID: 10645
Uniprot	Q96RR4
GeneID	10645;
Calculated MW	65kd
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 6%SDS-PAGE
 Lysate: 40 µg
 Lane: Mouse brain tissue
 Primary antibody: 1/200 dilution
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 1 minute

Background

The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. The major isoform of this gene plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade by phosphorylating the downstream kinases

CaMK1 and CaMK4. Protein products of this gene also phosphorylate AMP-activated protein kinase (AMPK). This gene has its strongest expression in the brain and influences signalling cascades involved with learning and memory, neuronal differentiation and migration, neurite outgrowth, and synapse formation.

Note: This product is for in vitro research use only