

Datasheet for ABIN1678959
anti-CAMK2D antibody (AA 1-260)



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1 Image

Overview

Quantity:	100 µg
Target:	CAMK2D
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK2D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human CaMKII delta (NP_742125.1).
Sequence:	MASTTTCTRF TDEYQLFEEL GKGAFSVVRR CMKIPTGQEY AAKIINTKKL SARDHQBKLER EARICRLLKH PNIVRLHDSI SEEGFHYLVF DLVTGGELFE DIVAREYYSE ADASHCIQKI LESVNHCHLN GIVHRDLKPE NLLASKSKG AAVKLADFGL AIEVQGDQQA WFGFAGTPGY LSPEVLRKDP YGKPVDMWAC GVILYILLVG YPPFWDEDQH RLYQQIKAGA YDFPSPEWDT VTPEAKDLIN KMLTINPAKR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

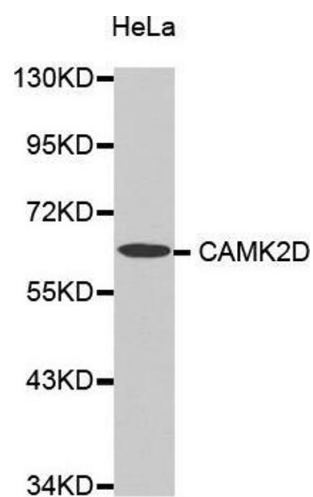
Target:	CAMK2D
Alternative Name:	CAMK2D (CAMK2D Products)
Background:	The product of this gene belongs to the serine/threonine protein kinase family and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells, the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a delta chain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Distinct isoforms of this chain have different expression patterns.,CAMK2D,CAMKD,Cancer,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Phospholipase Signaling Pathway,ErbB-HER Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Mitochondrial Control of Apoptosis,Endocrine & Metabolism,Immunology & Inflammation,B Cell Receptor Signaling Pathway,Neuroscience,Calcium Signaling,Cardiovascular,Hypoxia,Heart,Hypertrophy,CAMK2D
Molecular Weight:	54 kDa/55 kDa/56 kDa/57 kDa/58 kDa/59 kDa
Gene ID:	817
UniProt:	Q13557
Pathways:	WNT Signaling , Interferon-gamma Pathway , Myometrial Relaxation and Contraction , Smooth Muscle Cell Migration

Application Details

Application Notes:	WB,1:500 - 1:1000,IHC,1:50 - 1:100,IF,1:20 - 1:50
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1.