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Datasheet for ABIN7138691 anti-PKC mu antibody (pSer738)

2 Images



Overview

Quantity:	100 µL
Target:	PKC mu (PRKD1)
Binding Specificity:	pSer738
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC mu antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 738 (E-K-S(p)-F-R) derived from Human PKD/PKCm.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

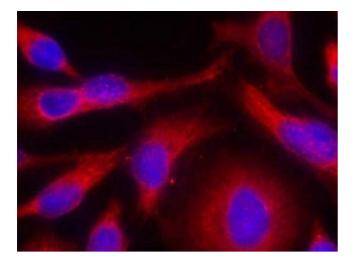
Target Details

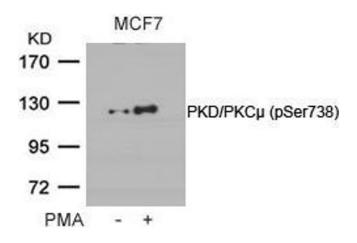
Target:	PKC mu (PRKD1)
Alternative Name:	PRKD1 (PRKD1 Products)

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Target Details	
Background:	Background: Converts transient diacylglycerol. (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress through activation of NF-kappa-B.
	Storz P, et al. Mol Cell Biol. 2004 Apr, 24(7): 2614-2626. Storz P, et al. Mol Cell Biol. 2005 Oct, 25(19): 8520-8530. Zhang W, et al. J Biol Chem 2005 May 13, 280(19): 19036-19044
	Aliases: KPCD1_HUMAN antibody, nPKC D1 antibody, nPKC mu antibody, nPKC-D1 antibody, nPKC-mu antibody, nPKCD1 antibody, nPKCmu antibody, PKC antibody, PKC MU antibody, PKCM antibody, PKCmu antibody, PKD 1 antibody, PKD antibody, PKD1 antibody, PRKCM antibody, PRKD 1 antibody, Prkd1 antibody, Protein kinase C mu antibody, Protein kinase C mu type antibody, Protein kinase D antibody, Protein kinase D1 antibody, Serine/threonine protein kinase D1 antibody, Serine/threonine-protein kinase D1 antibody
UniProt:	Q15139
Pathways:	Myometrial Relaxation and Contraction
Application Details	
Application Notes:	WB:1:500-1:1000, IF:1:100-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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Immunofluorescence

Image 1. Immunofluorescence staining of methanol-fixed Hela cells using PKD/PKCm(Phospho-Ser738) Antibody.

Western Blotting

Image 2. Western blot analysis of extracts from MCF cells untreated or treated with PMA using PKD/PKCm(Phospho-Ser738) Antibody.

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