

Datasheet for ABIN7301158

anti-PKC mu antibody (pTyr463)



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2 Images

Overview

Quantity:	100 µL
Target:	PKC mu (PRKD1)
Binding Specificity:	pTyr463
Reactivity:	Human, Mouse, Rat, Monkey, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC mu antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PKC mu (pY463).
Specificity:	Recognizes endogenous levels of PKC mu (pY463) protein.
Characteristics:	Rabbit polyclonal antibody to PKC mu (pY463)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PKC mu (PRKD1)
Alternative Name:	PKC mu (PRKD1 Products)
Background:	PKD, PKD1, PRKCM, Serine/threonine-protein kinase D1, Protein kinase C mu type, Protein

Target Details

	kinase D, nPKC-D1, nPKC-mu
Gene ID:	5587, 18760, 85421
UniProt:	Q15139 , Q62101 , Q9WTQ1
Pathways:	Myometrial Relaxation and Contraction

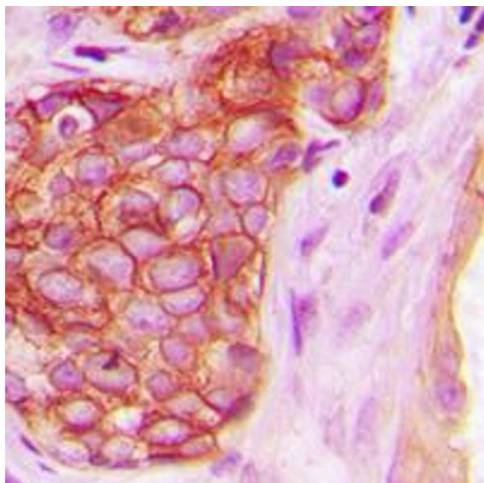
Application Details

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

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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



Immunohistochemistry

Image 1. Immunohistochemical analysis of PKC mu (pY463) staining in human breast 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 the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with

haematoxylin and mounted with DPX.

Western Blotting

Image 2. Western blot analysis of PKC mu (pY463) expression in HeLa (A) whole cell lysates.

