

Datasheet for ABIN6146216
anti-PRKD3 antibody (AA 1-100)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PRKD3
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKD3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human PRKD3 (NP_005804.1).
Sequence:	MSANNSPPSA QKSVLPTAIP AVLPAASPCS SPKTGLSARL SNGSFSAPSL TNSRGSVHTV SFLQLQGLTR ESVTIEAQEL SLSAVKDLVC SIVYQKFPEC
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PRKD3
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Target Details

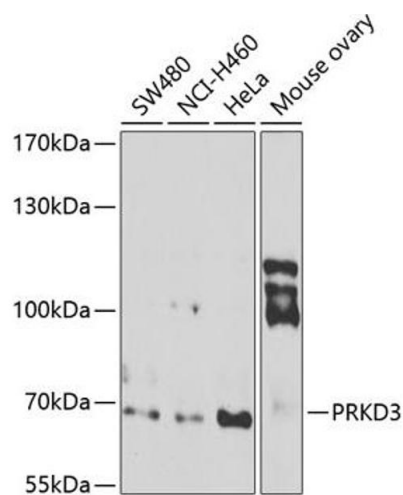
Alternative Name:	PRKD3 (PRKD3 Products)
Background:	<p>This gene belongs to the multigene protein kinase D family of serine/threonine kinases, which bind diacylglycerol and phorbol esters. Members of this family are characterized by an N-terminal regulatory domain comprised of a tandem repeat of cysteine-rich zinc-finger motifs and a pleckstrin domain. The C-terminal region contains the catalytic domain and is distantly related to calcium-regulated kinases. Catalytic activity of this enzyme promotes its nuclear localization. This protein has been implicated in a variety of functions including negative regulation of human airway epithelial barrier formation, growth regulation of breast and prostate cancer cells, and vesicle trafficking.,PRKD3,EPK2,PKC-NU,PKD3,PRKCN,nPKC-NU,Signal Transduction,G protein signaling,G2/M DNA Damage</p> <p>Checkpoint,Kinase,Serine/threonine kinases,Phospholipase Signaling Pathway,ErbB-HER Signaling Pathway,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Mitochondrial Control of Apoptosis,Inhibition of Apoptosis,Immunology & Inflammation,B Cell Receptor Signaling Pathway,PRKD3</p>
Molecular Weight:	68 kDa/100 kDa
Gene ID:	23683
UniProt:	O94806

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
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. Western blot analysis of extracts of various cell lines, using PRKD3 antibody (ABIN6128465, ABIN6146216, ABIN6146217 and ABIN6222885) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.