

## PKD1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07225
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PKD1/PKC mu. AA range:171-220
<b>Mol wt</b>	101888
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PKD1 Antibody
<b>Synonyms</b>	PRKD1; PKD; PKD1; PRKCM; Serine/threonine-protein kinase D1; Protein kinase C mu type; Protein kinase D; nPKC-D1; nPKC-mu

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

PRKD1 is a serine/threonine kinase that regulates a variety of cellular functions, including membrane receptor signaling, transport at the Golgi, protection from oxidative stress at the mitochondria, gene transcription, and regulation of cell shape, motility, and adhesion.

### Recommended Dilution

WB: 1: 500 - 1: 2000

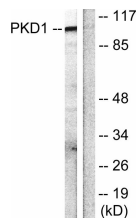
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

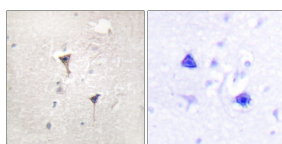
ELISA: 1: 10000

Not yet tested in other applications.

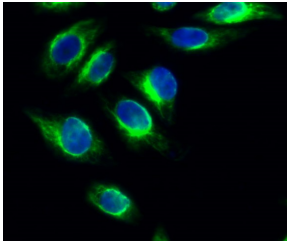
### Images



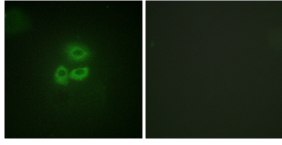
Western blot analysis of lysates from HUVEC cells, treated with PMA 125ng/ml 30', using PKD1/PKC mu Antibody. The lane on the right is blocked with the synthesized peptide.



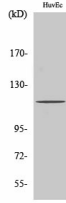
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PKD1/PKC mu Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HeLa cell. 1,PKD1 Polyclonal Antibody(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min). 3 DAPI(blue) 10min.



Immunofluorescence analysis of A549 cells, using PKD1/PKC mu Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of HuvEc cells using PKD1 Polyclonal Antibody

### Storage

-20°C for one year

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