# antibodies -online.com







## anti-PKD2 antibody



**Images** 



### Overview

Quantity:	100 μL
Target:	PKD2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PKD2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to PKD2 (protein kinase D2) PKD2 antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

## **Target Details**

Target:	PKD2
Alternative Name:	protein kinase D2 (PKD2 Products)

#### **Target Details**

Target Details		
Background:	The protein encoded by this gene belongs to the protein kinase D (PKD) family of serine/threonine protein kinases. This kinase can be activated by phorbol esters as well as by gastrin via the cholecystokinin B receptor (CCKBR) in gastric cancer cells. It can bind to	
	diacylglycerol (DAG) in the trans-Golgi network (TGN) and may regulate basolateral membrane	
	protein exit from TGN. Alternative splicing results in multiple transcript variants encoding	
	different isoforms.	
Molecular Weight:	97 kDa	
Gene ID:	25865	
UniProt:	Q9BZL6	
Pathways:	cAMP Metabolic Process, Maintenance of Protein Location, Negative Regulation of Transporter	
	Activity	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations	
	should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: Molt-4	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.99 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

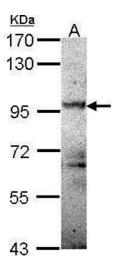
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

4 °C,-20 °C

multiple freeze-thaw cycles.

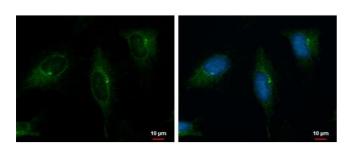
Storage:

Storage Comment:



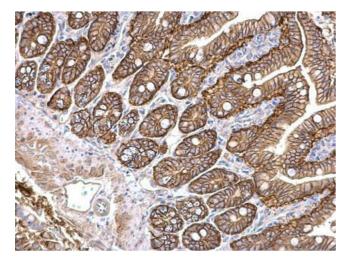
## Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: Molt-4, 7.5% SDS PAGE antibody diluted at 1:1000



#### **Immunofluorescence**

**Image 2.** ICC/IF Image PKD2 antibody [C1C3] detects PKD2 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: PKD2 protein stained by PKD2 antibody [C1C3], diluted at 1:200. Blue: Hoechst 33342 staining.



#### **Immunohistochemistry**

**Image 3.** IHC-P Image PKD2 antibody [C1C3] detects PKD2 protein at cytosol and membrane on mouse intestine by immunohistochemical analysis. Sample: Paraffin-embedded mouse intestine. PKD2 antibody [C1C3], dilution: 1:500.

Please check the product details page for more images. Overall 6 images are available for ABIN2855325.