



Datasheet for ABIN7269664
anti-PRKG2 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	PRKG2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Purpose:	PRKG2 Rabbit pAb
Immunogen:	Recombinant protein of human PRKG2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PRKG2
Alternative Name:	PRKG2 (PRKG2 Products)
Background:	This gene encodes a protein that belongs to the serine/threonine protein kinase family of

Target Details

proteins. The encoded protein plays a role in the regulation of fluid balance in the intestine. A similar protein in mouse is thought to regulate differentiation and proliferation of cells in the colon. Alternate splicing results in multiple transcript variants.,PRKGR2,cGK2,cGKII,PRKG2,Kinase,Signal Transduction,PRKG2

Molecular Weight: 84kDa/87kDa

Gene ID: 5593

UniProt: [Q13237](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

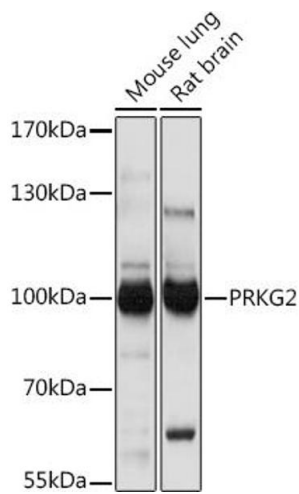
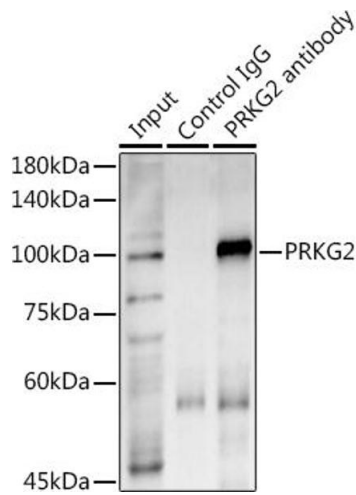
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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.



Immunoprecipitation

Image 1. Immunoprecipitation analysis of 600 µg extracts of Mouse lung using 3 µg PRKG2 antibody (ABIN7269664). Western blot was performed from the immunoprecipitate using PRKG2 antibody (ABIN7269664) at a dilution of 1:1000.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PRKG2 Rabbit pAb (ABIN7269664) 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: 1s.