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## Datasheet for ABIN185583 anti-GRK2 antibody (Internal Region)

2 Images



## Overview

Quantity:	100 µg
Target:	GRK2 (ADRBK1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GRK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	BARK1 / GRK2
Immunogen:	Peptide with sequence C-RDAYREAQQLVQR, from the internal region of the protein sequence according to NP_001610.2.
Sequence:	RDAYREAQQL VQR
lsotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	GRK2 (ADRBK1)
Alternative Name:	GRK2 (ADRBK1 Products)
Background:	BARK1, GRK2, ADRBK1, adrenergic, beta, receptor kinase 1, BETA-ARK1, beta adrenergic receptor kinase 1
Gene ID:	156, 110355
NCBI Accession:	NP_001610
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of G-Protein Coupled Receptor Protein Signaling, CXCR4-mediated Signaling Events, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling
Application Details	
Application Notes:	Western Blot: Approx 80 kDa band observed in Daudi cell lysates (calculated MW of 79.7 kDa according to NP_001610.1). An additional band of unknown identity was observed in some lysates at 48 kDa and was successfully blocked by incubation with the immunizi Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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250kDa 150kDa 100kDa 75kDa 50kDa 37kDa	<b>Image 1.</b> ABIN185583 (0.3µg/ml) staining of Daudi cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.
25kDa 20kDa 15kDa	
10kDa	
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa	Western Blotting Image 2. ABIN185583 (2µg/ml) staining of Daudi cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.
25kDa 20kDa 15kDa	

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