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Datasheet for ABIN519174  
**anti-PRKACA antibody (AA 1-351)**

1 Image

Overview

Quantity:	100 µg
Target:	PRKACA
Binding Specificity:	AA 1-351
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKACA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human PRKACA protein.
Immunogen:	PRKACA (NP_002721.1, 1 a.a. ~ 351 a.a) full-length human protein.
Sequence:	MGNAAAARKG SEQESVKEFL AKAKEDFLKK WESPAQNTAH LDQFERIKTL GTGSFGRVML VKHKETGNHY AMKILDQKQV VKLKQIEHTL NEKRILQAVN FPFLVKLEFS FKDNSNLYMV MEYVPGGEMF SHLRRIGRFS EPHARFYAAQ IVLTFEYLHS LDLIYRDLKP ENLLIDQQGY IQVDFGFAK RVKGRTWTLC GTPEYLAPEI ILSKGYNKAV DWWALGVLIY EMAAGYPPFF ADQPIQIYEK IVSGKVRFPS HFSSDLKDLL RNLLQVDLTK RFGNLKNGVN DIKNHKWFAT TDWIAIYQRK VEAPFIPKFK GPGDTSNFDD YEEEEIRVSI NEKCGKEFSE F
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

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Target:	PRKACA
Alternative Name:	PRKACA ( <a href="#">PRKACA Products</a> )
Background:	Full Gene Name: protein kinase, cAMP-dependent, catalytic, alpha Synonyms: MGC102831,MGC48865,PKACA
Gene ID:	5566
NCBI Accession:	<a href="#">NM_002730</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">Hedgehog Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">M Phase</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> , <a href="#">VEGFR1 Specific Signals</a> , <a href="#">Lipid Metabolism</a> , <a href="#">SARS-CoV-2 Protein Interactome</a> , <a href="#">The Global Phosphorylation Landscape of SARS-CoV-2 Infection</a>

## Application Details

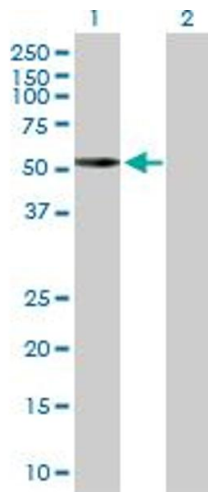
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



### Western Blotting

**Image 1.** Western Blot analysis of PRKACA expression in transfected 293T cell line by PRKACA MaxPab polyclonal antibody.

Lane 1: PRKACA transfected lysate(40.60 KDa).

Lane 2: Non-transfected lysate.