antibodies - online.com







anti-Pkc beta 1 antibody (N-Term)



Image



Publication



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Quantity:	100 μL	
Target:	Pkc beta 1	
Binding Specificity:	N-Term	
Reactivity:	Rat, Human, Mouse, Rabbit, Cow, Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Pkc beta 1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PRKCB1	
Sequence:	MADPAAGPPP SEGEESTVRF ARKGALRQKN VHEVKNHKFT ARFFKQPTFC	
Predicted Reactivity:	Cow: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%	
Characteristics:	This is a rabbit polyclonal antibody against PRKCB1. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	Pkc beta 1	

Target Details

Alternative Name:	PRKCB1 (Pkc beta 1 Products)	
Background:	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be	
	activated by calcium and second messenger diacylglycerol. PKC family members	
	phosphorylate a wide variety of protein targets and are known to be involved in d	
	Alias Symbols: MGC41878, PKC-beta, PKCB, PRKCB, PRKCB2, PRKCB1	
	Protein Interaction Partner: UBC, GNB2L1, MBP, NUMB, PRKCD, MARCKS, LYN, HIST1H1B,	
	SYT6, RB1, PRKCB, TNFRSF1A, PPP2R4, PPP1CA, ITGB2, HSP90AA1, GSK3A, FN1, CASR,	
	RASGRP3, SDC2, CARD11, LMNB1, H1F0, LSP1, HIST1H1A, NCF1, RBCK1, TOP2A, IBTK,	
	KCNA5, RNF31, TERF1, TINF2, EGFR, TRIM41, DD	
	Protein Size: 673	
Molecular Weight:	77 kDa	
Gene ID:	5579	
NCBI Accession:	NM_002738, NP_002729	
UniProt:	P05771	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 673 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
	Avoid repeated freeze-thaw cycles.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	

Handling

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

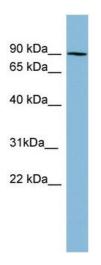
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) (PubMed).

Validation report #103654 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-PRKCB1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Human Thymus