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anti-PRKACB antibody (C-Term)

2 Images



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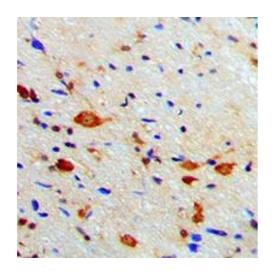
Overview		
Quantity:	100 μL	
Target:	PRKACB	
Binding Specificity:	C-Term	
Reactivity:	Human, Rat, Mouse, Cow, Pig, Chicken	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PRKACB antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of	
	human PKA C beta.	
Specificity:	Recognizes endogenous levels of PKA C beta protein.	
Characteristics:	Rabbit polyclonal antibody to PKA C beta	
Purification:	The antibody was purified by immunogen affinity chromatography.	
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Target Details		
Target:	PRKACB	
Alternative Name:	PKA C beta (PRKACB Products)	
Background:	CAMP-dependent protein kinase catalytic subunit beta, PKA C-beta	

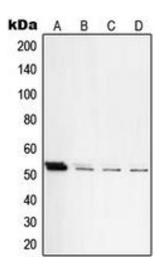
Target Details

Gene ID:	5567, 18749, 293508	
UniProt:	P22694, P68181, P68182	
Pathways:	AMPK Signaling, Hedgehog Signaling, EGFR Signaling Pathway, Neurotrophin Signaling	
	Pathway, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction, M Phase, G-	
	protein mediated Events, Interaction of EGFR with phospholipase C-gamma, Lipid Metabolism	

Application Details

Application Details		
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.	
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.	
Expiry Date:	12 months	





Immunohistochemistry

Image 1. Immunohistochemical analysis of PKA C beta staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 2. Western blot analysis of PKA C beta expression in HEK293T (A), NIH3T3 (B), mouse lung (C), rat lung (D) whole cell lysates.