

Datasheet for ABIN7296680  
**anti-PRKAR1B antibody (Center)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PRKAR1B
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PRKAR1B.
Specificity:	Recognizes endogenous levels of PRKAR1B protein.
Characteristics:	Rabbit polyclonal antibody to PRKAR1B
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	PRKAR1B
Alternative Name:	PRKAR1B ( <a href="#">PRKAR1B Products</a> )
Background:	CAMP-dependent protein kinase type I-beta regulatory subunit

Target Details

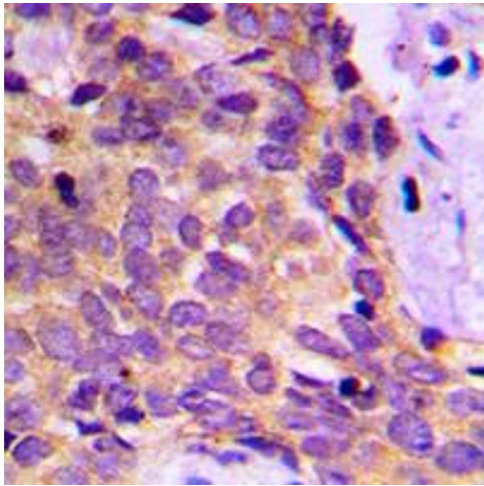
Gene ID:	5575, 19085
UniProt:	<a href="#">P31321</a> , <a href="#">P12849</a> , <a href="#">P81377</a>
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a>

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

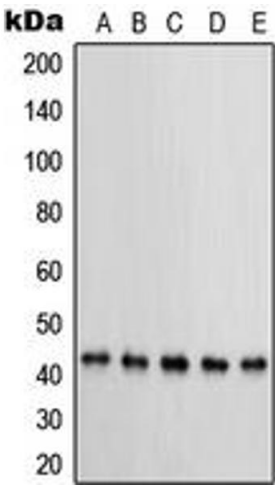
Handling

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 PRKAR1B staining in human breast cancer 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 PRKAR1B expression in MCF7 (A), KNRK (B), NIH3T3 (C), HeLa (D), BT20 (E) whole cell lysates.