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Datasheet for ABIN7296682

## anti-PRKAR2B antibody (Center)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	PRKAR2B
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR2B 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 PRKAR2B.
Specificity:	Recognizes endogenous levels of PRKAR2B protein.
Characteristics:	Rabbit polyclonal antibody to PRKAR2B
Purification:	The antibody was purified by immunogen affinity chromatography.

#### Target Details

Target:	PRKAR2B
Alternative Name:	PRKAR2B ( <a href="#">PRKAR2B Products</a> )
Background:	CAMP-dependent protein kinase type II-beta regulatory subunit

## Target Details

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Gene ID:	5577, 19088, 24679
UniProt:	<a href="#">P31323</a> , <a href="#">P31324</a> , <a href="#">P12369</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="#">M Phase</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> , <a href="#">SARS-CoV-2 Protein Interactome</a> , <a href="#">The Global Phosphorylation Landscape of SARS-CoV-2 Infection</a>

## Application Details

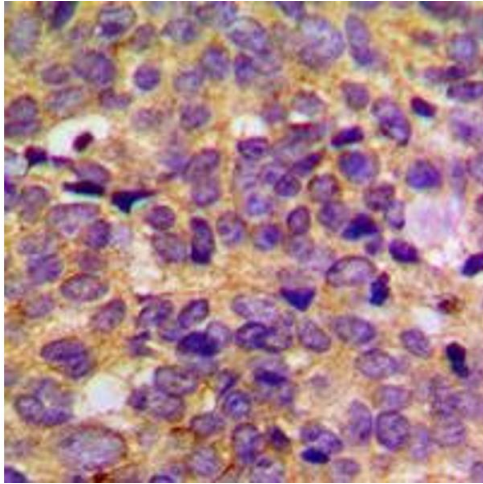
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Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

## Handling

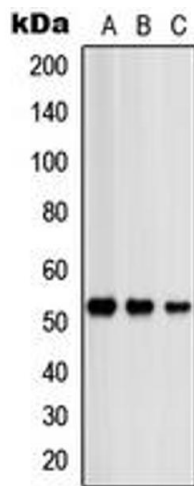
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Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE 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 PRKAR2B 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 PRKAR2B expression in HeLa (A), SHSY5Y (B), NIH3T3 (C) whole cell lysates.