

## Anti- PRKAR2B Rabbit pAb



WL04417

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti- PRKAR2B Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
	IHC, IF	1:200-1:500
<b>Cellular localization</b>	Cytoplasm. Cell membrane.	
<b>Pack size</b>	50/100/200/500/1000μl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	cAMP is a signaling molecule important for a variety of cellular functions. cAMP exerts its effects by activating the cAMP-dependent protein kinase, which transduces the signal through phosphorylation of different target proteins. cAMP causes the dissociation of the inactive holoenzyme into a dimer of regulatory subunits bound to four cAMP and two free monomeric catalytic subunits. Four different regulatory subunits and three catalytic subunits have been identified in humans. The protein encoded by this gene is one of the regulatory subunits. This subunit can be phosphorylated by the activated catalytic subunit.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PRKAR2B.
<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.

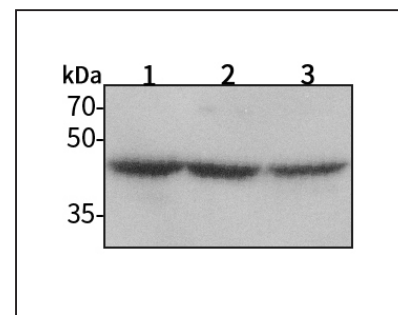
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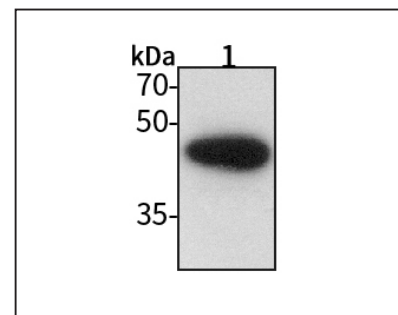
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## Product Images



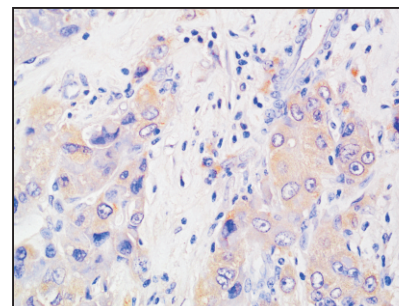
## Western blot-Anti-PRKAR2B pAb

Lane 1: Human A549 cell lysate  
 Lane 2: Human HUVEC cell lysate  
 Lane 3: Human SW480 cell lysate  
 All lanes: Anti-PRKAR2B at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane  
 Predicted band size: 46 kDa  
 Observed band size: 46 kDa



## Western blot-Anti-PRKAR2B pAb

Lane 1: Rat stomach tissue lysate  
 All lanes: Anti-PRKAR2B at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane  
 Predicted band size: 46 kDa  
 Observed band size: 46 kDa



## Immunohistochemistry-Anti-PRKAR2B pAb

Immunohistochemical analysis of paraffin-embedded human liver cancer using anti-PRKAR2B Rabbit Antibody at 1:200 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

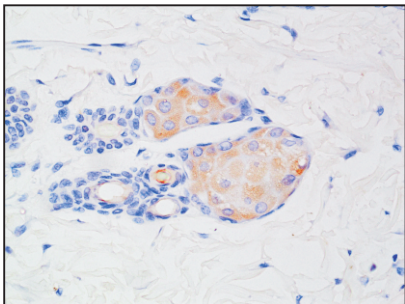
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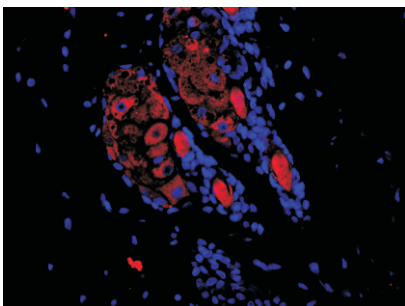
### Product Information



#### Immunohistochemistry-Anti-PRKAR2B pAb

Immunohistochemical analysis of paraffin-embedded rat skin using anti-PRKAR2B Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-PRKAR2B pAb

Immunofluorescence analysis of paraffin-embedded rat skin using anti-PRKAR2B Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0