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Datasheet for ABIN6259090

# anti-PRKAR1B antibody (Internal Region)

2 Images



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Quantity:	100 μL	
Target:	PRKAR1B	
Binding Specificity:	Internal Region	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PRKAR1B antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	A synthesized peptide derived from human KAP1, corresponding to a region within the internal amino acids.	
Isotype:	IgG	
Specificity:	KAP1 Antibody detects endogenous levels of total KAP1.	
Predicted Reactivity:	Pig,Zebrafish,Sheep,Dog,Chicken,Xenopus	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).	

### **Target Details**

Target: PRKAR1B

## **Target Details**

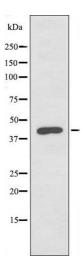
Alternative Name:	PRKAR1B (PRKAR1B Products)
Background:	Description: Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells.  Gene: PRKAR1B
Molecular Weight:	43 kDa
Gene ID:	5575
Gene ID: UniProt:	5575 P31321

# Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

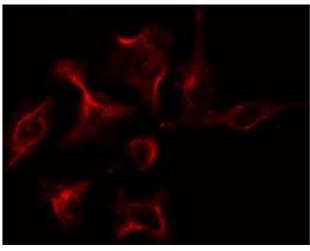
## Handling

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Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
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:	Store at -20 °C. Stable for 12 months from date of receipt.	
Expiry Date:	12 months	



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from COLO205 cells, using KAP1 antibody.



#### Immunofluorescence (fixed cells)

Image 2. ABIN6274229 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.