# antibodies .- online.com







## anti-PRKAR2A antibody (N-Term)

**Images** 



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Quantity:	100 μL
Target:	PRKAR2A
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human PKA R2, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	PKA R2 Antibody detects endogenous levels of total PKA R2.
Predicted Reactivity:	Dog

## **Target Details**

Target: PRKAR2A

## **Target Details**

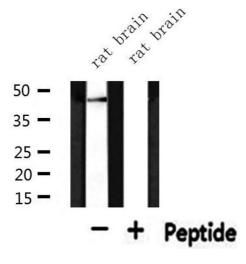
Alternative Name:	PRKAR2A (PRKAR2A Products)
Background:	Description: Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.  Gene: PRKAR2A
Molecular Weight:	45 kDa
Gene ID:	5576
Gene ID: UniProt:	5576 P13861

## **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

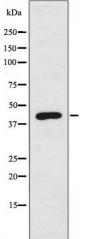
## Handling

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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	



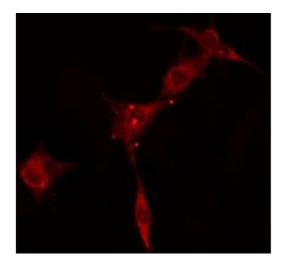
## **Western Blotting**

**Image 1.** Western blot analysis of extracts from rat brain, using KAP2 Antibody.



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts from 293 cells using KAP2 antibody.



#### Immunofluorescence (fixed cells)

Image 3. ABIN6274170 staining 293 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.