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Recombinant anti-PRKAR1A antibody

2 Images



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Overview

Quantity:	100 μL
Target:	PRKAR1A
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This PRKAR1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human PRKAR1A
Clone:	1C3
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

Target Details

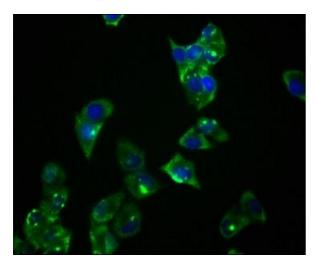
Target:	PRKAR1A
Alternative Name:	PRKAR1A (PRKAR1A Products)
Background:	Background: Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP

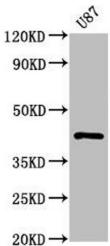
Target Details

	signaling in cells. Aliases: cAMP-dependent protein kinase type I-alpha regulatory subunit, Tissue-specific extinguisher 1, TSE1, PRKAR1A, PKR1, PRKAR1, TSE1
UniProt:	P10644
Pathways:	Hedgehog Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Myometrial Relaxation and Contraction, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma

Application Details

- Pleasanness - Commo		
Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:20-1:200,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
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,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	





Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7127774 at 1:36, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).

Western Blotting

Image 2. Western Blot Positive WB detected in: U87 whole cell lysate All lanes: PRKAR1A antibody at 1.1 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43, 39 KDa Observed band size: 43 KDa