

Datasheet for ABIN877362

anti-PRKAR2A antibody (pSer96) (AbBy Fluor® 647)



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Overview

Quantity:	100 µL
Target:	PRKAR2A
Binding Specificity:	pSer96
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR2A antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from mouse PKA R2 around the phosphorylation site of Ser96
Isotype:	IgG
Specificity:	This phosphorylation site is homologous to that of Ser97 in Rat.
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	PRKAR2A
Alternative Name:	PKA R2 (PRKAR2A Products)
Background:	Synonyms: PKR2, PRKAR2, cAMP-dependent protein kinase type II-alpha regulatory subunit, PRKAR2A Background: 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 ID:	5576
UniProt:	P13861
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months