

Datasheet for ABIN5774308
anti-PRKAR2B antibody (pSer113)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PRKAR2B
Binding Specificity:	pSer113
Reactivity:	Human, Mouse, Rat, Monkey, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of human PRKAR2B (phospho S113).
Immunogen:	A synthetic peptide corresponding to amino acids 50-130 of human PRKAR2B (phospho S113).
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of PKAII beta reg protein only when phosphorylated at S113.
Cross-Reactivity:	Human, Monkey, Mouse, Rabbit, Rat
Cross-Reactivity (Details):	This antibody detects endogenous levels of PKAII beta reg protein only when phosphorylated at S113.

Target Details

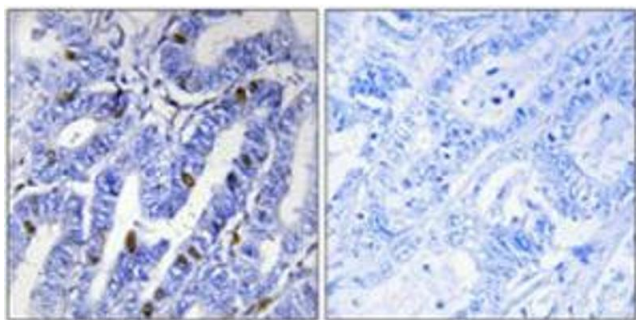
Target:	PRKAR2B
Alternative Name:	PRKAR2B (PRKAR2B Products)
Background:	Full Gene Name: protein kinase, cAMP-dependent, regulatory, type II, beta Synonyms: PRKAR2,RII-BETA
Gene ID:	5577
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , M Phase , 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:	ELISA (1:10000) Immunohistochemistry (1:100-300) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (50 % glycerol, 0.5 % BSA and 0.02 % sodium azide).
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. Aliquot to avoid repeated freezing and thawing.



Immunohistochemistry

Image 1. Immunohistochemical staining of human colon cancer (left). Negative control was pre-absorbed by immunogen peptide (right).