

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PRKAR2A



Numéro de catalogue: 10142-2-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:
10142-2-AP

Taille:
150ul, Concentration: 400 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0203

Numéro d'acquisition GenBank:
BC002763

Identification du gène (NCBI):
5576

Nom complet:
protein kinase, cAMP-dependent, regulatory, type II, alpha

MW calculé
43 kDa

MW observés:
46-52 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IF 1:10-1:100

Applications

Applications testées:
IF, IP, WB, ELISA

Demandes citées:
IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules K-562, cellules MCF-7, cellules PC-3, tissu testiculaire de souris, tissu testiculaire humain

IP : HeLa cells, cellules K-562

IF : cellules HeLa, cellules HepG2, cellules MCF-7

Informations générales

The effects of cAMP in most tissues and cell types are mainly modulated via protein kinase A, a heterotetrameric protein complex consisting of two regulatory and two catalytic subunits. The regulatory subunit of cAMP-dependent protein kinase (PRKAR2A) is one of the regulatory subunits and the gene is located on chromosome region 3p21.3-p21.2. The expression of PRKAR2A is tightly regulated during spermatogenesis, a significant increase in expression of this gene was also found in the human myometrium during pregnancy. This antibody got two bands about 45 kDa and 50-55 kDa in western blotting, and the 50-55kDa may be caused by phosphorylation.

Publications notables

Autrice	Pubmed ID	Journal	Application
Haochen Wang	33131748	Life Sci	WB,IHC
Furong Huang	32200035	Cancer Lett	WB
Xiaokan Zhang	35977512	Cell Rep	WB,IP

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

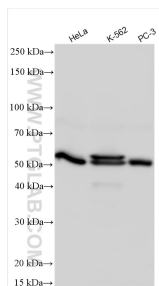
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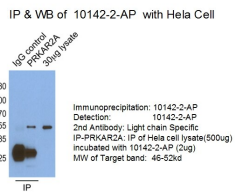
E: proteintech@ptglab.com
W: ptglab.com

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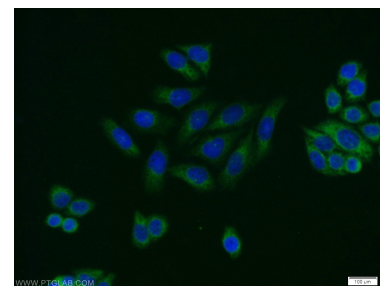
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 10142-2-AP (PRKAR2A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-PRKAR2A (10142-2-AP for IP and Detection).



Immunofluorescent analysis of HeLa cells using 10142-2-AP (PRKAR2A antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).