

Nur für Forschungszwecke

PRKAR2A Polyklonaler Antikörper

Katalog-Nr.: 10142-2-AP

Vorgestelltes Produkt

3 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10142-2-AP

Größe:
150ul, Konzentration: 400 µg/ml von
Nanodrop und 313 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0203

GenBank-Zugangsnummer:
BC002763

GeneID (NCBI):
5576

Vollständiger Name:
protein kinase, cAMP-dependent,
regulatory, type II, alpha

Berechnete Masse:
43 kDa

Beobachtete Masse:
46-52 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB: K-562-Zellen, HeLa-Zellen, humanes
Hodengewebe, Maushodengewebe, MCF-7-Zellen, PC-
3-Zellen

IP: HeLa cells, K-562-Zellen

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

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

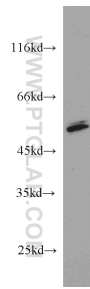
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

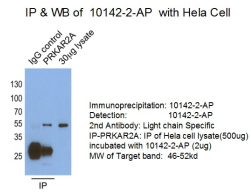
E: proteintech@ptglab.com
W: ptglab.com

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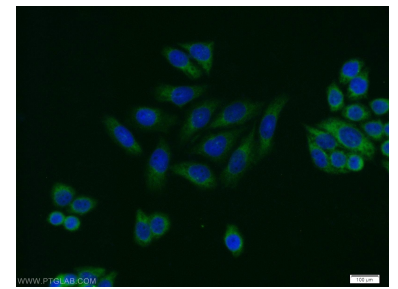
Ausgewählte Validierungsdaten



K-562 cells were subjected to SDS PAGE followed by western blot with 10142-2-AP (PRKAR2A antibody) at dilution of 1:1000 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).