

Nur für Forschungszwecke

PRKAR2A Monoklonaler Antikörper

Katalog-Nr.:67751-1-Ig



Allgemeine Informationen

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|--|---|--|
| Katalog-Nr.: 67751-1-Ig | GenBank-Zugangsnummer: BC002763 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 150ul, Konzentration: 1000 µg/ml von5576 Nanodrop; | GeneID (NCBI): 1B2B3 | CloneNo.: 1B2B3 |
| Wirt: Maus | Vollständiger Name: protein kinase, cAMP-dependent, regulatory, type II, alpha | Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:400-1:1600 IF 1:200-1:800 |
| Isotyp: IgG1 | Berechnete Masse: 43 kDa | |
| Immunogen Katalognummer: AG29893 | Beobachtete Masse: 50 kDa | |

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : U2OS-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, LNCaP-Zellen, NIH/3T3-Zellen

IHC : humanes Kolonkarzinomgewebe, Maus-Kolongewebe

IF : HeLa-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.

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

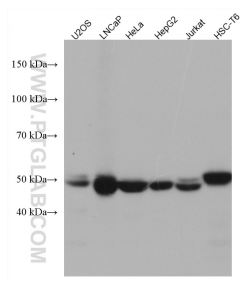
For technical support and original validation data for this product please contact:

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

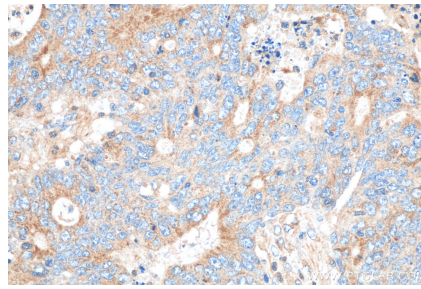
E: proteintech@ptglab.com
W: ptglab.com

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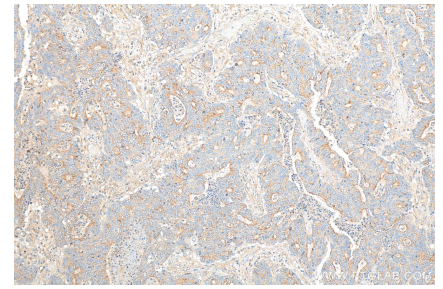
Ausgewählte Validierungsdaten



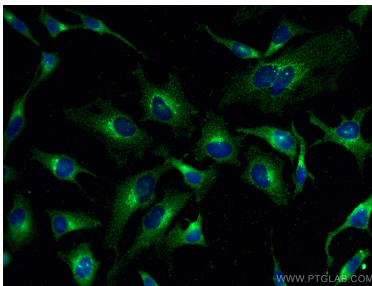
Various lysates were subjected to SDS PAGE followed by western blot with 67751-1-Ig (PRKAR2A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67751-1-Ig (PRKAR2A antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67751-1-Ig (PRKAR2A antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PRKAR2A antibody (67751-1-Ig, Clone: 1B2B3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).