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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRKAR1B purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005575-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human PRKAR1B protein.

Immunogen: PRKAR1B (NP_002726.1, 1 a.a. ~ 381 a.a) full-length human protein.

Sequence:
 MASPPACPSEEDESLKGCELYVQLHGIQQVLKDCIVHLCISKPERPMKFL
 REHFEEKLEKEENRQILARQKSNSQSDSHDEEVSPTPPNPVVKARRRRGG
 VSAEVYTEEDAVSYVRKVIPKDYKMTALAKAISKNVLF AHLDDNERSDIF
 DAMFPVTHIAGETVIQQGNEGDNFYVWDQGEVDVYVNGEWVTNISEGGS
 FGELALYGT PRAATVKAKTDLKLW GIDRDSYRRILMGSTLRKRKMYEEF
 LSKVSILESLEKWERLTVADALEPVQFEDGEKIVVQGEPEGDDFYIITEGTA
 SVLQRRSPNEEYVEVGRLGPSDYFGEIALLNRPRAATV VARGPLKCVK
 LDRPRFERVLGPCSEILKRNIQRYNSFISLTV

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

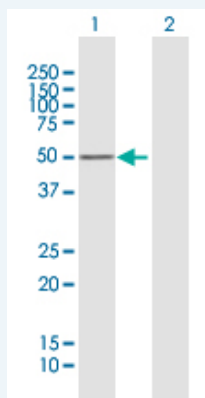
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of PRKAR1B expression in transfected 293T cell line ([H00005575-T02](#)) by PRKAR1B MaxPab polyclonal antibody.

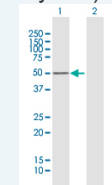
Lane 1: PRKAR1B transfected lysate(41.91 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

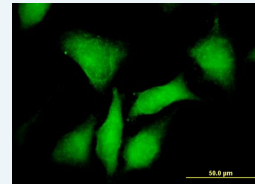
Application Image


Western Blot (Transfected lysate)



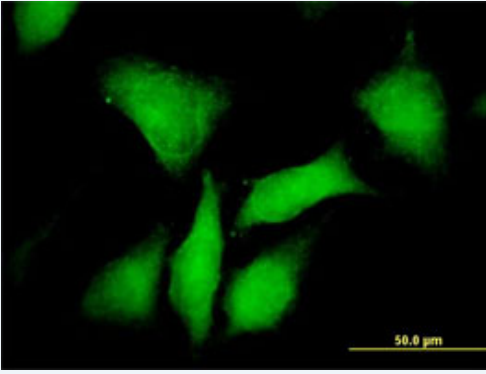
 [enlarge](#)

Immunofluorescence



 [enlarge](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to PRKAR1B on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5575](#)

**GeneBank
Accession#:** [NM_002735](#)

**Protein
Accession#:** [NP_002726.1](#)

Gene Name: PRKAR1B

Gene Alias: PRKAR1

**Gene
Description:** protein kinase, cAMP-dependent, regulatory, type I, beta

Omim ID: [176911](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Cyclic AMP-dependent protein kinase A (PKA) is an essential enzyme in the signaling pathway of the second messenger cAMP. Through phosphorylation of target proteins, PKA controls many biochemical events in the cell including regulation of metabolism, ion transport, and gene transcription. The PKA holoenzyme is composed of 2 regulatory and 2 catalytic subunits and dissociates from the regulatory subunits upon binding of cAMP.[supplied by OMIM]

**Other
Designations:** -

Gene Pathway

[Apoptosis](#) [Insulin signaling pathway](#)

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