

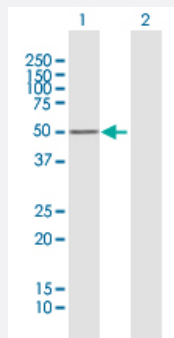
MaxPab®

PRKAR1B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005575-B01P

Size 50 ug

Applications

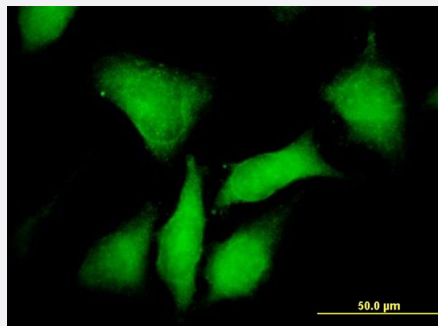


Western Blot (Transfected lysate)

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.



Immunofluorescence

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

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

MASPPACPSEEDSLKGCELYQLHGIQQVLKDCVHLCISKPERPMKFLREHFKEKEENRQIL
ARQKSNSQSDSHDEEVSPTPPNPVVKARRRRGGVSAEVYTEEDAVSYVRKVIPKDYKTMTALAK
AISKNVLFAHLDDNERSDIFDAMFPVTHIAGETVIQQGNEGDNFYVVDQGEVDVYVNGEWWTNISE
GGSFGEALYGTTPRAATVKAKTDLKLWGIDRDSYRRILMGSTLRKRKMYEEFLSKVSILESLEKWE
RLTVADALEPVQFEDGEKIVVQGEPEGDDFYITEGTASVLQRRSPNEEYVEVGRGLGPSDYFGEIAL
LLNRPRAAATVVARGPLKCVKLDPRPRFERVLGPCSEILKRNIQRYNSFISLTV

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.

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](#)

- Immunofluorescence

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

Gene Info — PRKAR1B

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

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Pathway

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