

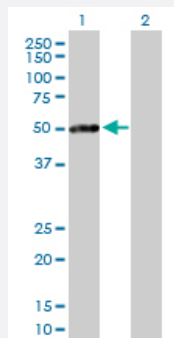
MaxPab®

PRKAR1B purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005575-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PRKAR1B expression in transfected 293T cell line ([H00005575-T01](#)) by PRKAR1B MaxPab polyclonal antibody.

Lane 1: PRKAR1B transfected lysate(43.10 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MASPPACPSEEDESLKGCELYVQLHGIQQVLKDCVHLCISKPERPMKFLREHFEKLEKEENRQIL ARQKSNSQSDSHDEEVSPTPPNPVVKARRRRGGVSAEVYTEEDAVSYVRKVIPKDYKTMTALAK AISKNVLF AHLDDNERSDIFDAMFPVTHIAGETVIQQGNEGDNFYVVDQGEVDVYVNGEWWTNISE GGSFGELALYGT PRAATV KAKTDLKLWGIDRDSYRRILMGSTLRKRKMYEEFLSKVSILESLEKWE RLTVADALEPVQFEDGEKIVQGEPGDDFYITEGTASVLQRRSPNEEYVEVGRLGPSDYFGEIAL LLNRPRAATV VARGPLKCVKLDRPRFERVLGPCSEILKRNIQRYNSFISLTV
Host	Rabbit
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-T01](#)) by PRKAR1B MaxPab polyclonal antibody.

Lane 1: PRKAR1B transfected lysate(43.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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 -

Pathway

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