

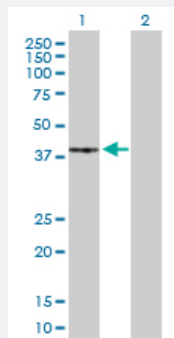
MaxPab®

PRKACG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005568-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PRKACG expression in transfected 293T cell line ([H00005568-T02](#)) by PRKACG MaxPab polyclonal antibody.

Lane 1: PRKACG transfected lysate(40.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PRKACG protein.

Immunogen

PRKACG (NP_002723.2, 1 a.a. ~ 351 a.a) full-length human protein.

Sequence

MGNAPAKKDTEQEEVSNEFLAKARGDFLYRWGNPAQNTASSDQFERLRTLGMGSFGRVMLVR
HQETGGHYAMKILNKQKVVKMKQVEHILNEKRILQAIDFPFLVKLQFSFKDNSYLYLVM EYVPGGE
MFSRLQVRVGRFSEPHACFYAAQVVLAVQYLHSLDLIHRDLKPENLLIDQQGYLQVTDGFGAKRVK
GRTWTLCGTPEYLAPEILSKGYNKAVDWWALGVLIYEMAVGFPPFYADQPIQIYEKIVSGRVRFPS
KLSSDLKHLLRSLLQVDLTKRFGNLRNGVGDINKHKWFATTSWAIYEKKVEAPFIPKYTGPGDASN
FDDYEEEEELRISINEKCAKEFSEF

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.

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[Protocol Download](#)

Gene Info — PRKACG

Entrez GeneID [5568](#)

GeneBank Accession# [NM_002732.2](#)

Protein Accession# [NP_002723.2](#)

Gene Name PRKACG

Gene Alias KAPG, PKACg

Gene Description protein kinase, cAMP-dependent, catalytic, gamma

Omim ID [176893](#)

Gene Ontology [Hyperlink](#)

Gene Summary Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit. [provided by RefSeq]

Other Designations OTTHUMP00000021422|PKA C-gamma|serine(threonine) protein kinase

Pathway

- [Apoptosis](#)
- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)

- [GnRH signaling pathway](#)
- [Hedgehog signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Melanogenesis](#)
- [Olfactory transduction](#)
- [Prion diseases](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)
- [Vibrio cholerae infection](#)
- [Wnt signaling pathway](#)