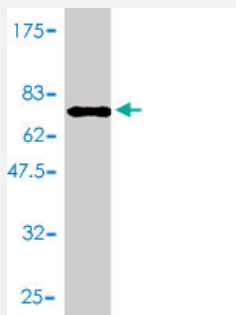


PRKACG polyclonal antibody (A01)

Catalog # H00005568-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (64.72 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant PRKACG.
Immunogen	PRKACG (AAH39888, 1 a.a. ~ 351 a.a) full-length recombinant protein with GST tag.
Sequence	MGNAPAKKDTEQEEVSNEFLAKARGDFLYRWGNPAQNTASSDQFERLRTLGMGSFGRVMLVR HQETGGHYAMKILNKQKVVKMKQVEHILNEKRILQAIDFPFLVKLQFSFKDNSYLYLVMEEVPGGE MFSRLQRVGRFSEPHACFYAAQVVLAVQYLHSLDLIHRDLKPENLLIDQQGYLQVTDGFAKRVK GRTWTLCGTPEYLAPEIILSKGYNKAVDWWALGVLIYEMAVGFPPFYADQPIQYEEKVSGRVRFPS KLSSDLKHLLRSLLQVDLTKRFGNLRNGVGDIKNHKWFATTSWAIYEKKVEAPFIPKYTGPGDASN FDDYEEEEELRISINEKCPKEFSEF
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (64.72 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PRKACG

Entrez GeneID [5568](#)

GeneBank Accession# [BC039888](#)

Protein Accession# [AAH39888](#)

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

Publication Reference

- [Visual screening and analysis for kinase-regulated membrane trafficking pathways that are involved in extensive \$\beta\$ -amyloid secretion.](#)

Adachi A, Kano F, Saido TC, Murata M.

Genes to Cells 2009 Mar; 14(3):355.

Application: WB-Tr, Human, HEK-APP cells

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](#)