

DNAxPAb

Hard-to-Find
Antibody

PRKACG DNAxPab

Catalog # H00005568-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRKACG DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGNAPAKKDTEQEEVSNEFLAKARGDFLYRWGNPAQNTASSDQFERLRTLGMGSFGRVMLVR HQETGGHYAMKILNKQKVVKMKQVEHILNEKRILQAIDFPFLVKLQFSFKDNSYLYLVM EYVPGGE MFSRLQRVGRFSEPHACFYAAQVVLAVQYLHSLDLIHRDLKPENLLIDQQGYLQVTDGFAKRVK GRTWTLCGTPEYLAPEIILSKGYNKAVDWWALGVLIYEMAVGFPPFYADQPIQYEEKIVSGRVRFPS KLSSDLKHLLRSLLQVDLTKRFGNLRNGVGDINKHKKWFATTSWIAIYEKKVEAPFIPKYTGPGDASN FDDYEEEEELRISINEKCAKEFSEF
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)