



Anti-PRKACG (full length) polyclonal antibody (DPAB-DC2427)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	PRKACG (AAH39888, 1 a.a. ~ 351 a.a) full-length recombinant protein with GST tag. The sequence is MGNAPAKKDTEQEEVSNEFLAKARGDFLYRWGNPAQNTASSDQFERLRTLGMGSFGRVML VRHQETGGHYAMKILNKQKVVKMKQVEHILNEKRILQAIDFPFLVKLQFSFKDNSYLYLV MEYVPGGEMFSRLQRVGRFSEPHACFYAAQVVLAVQYLHSLDLIHRDLKPENLLIDQQGY LQVTDFGFAKRVKGRTWTLCTPEYLAPEIILSKGYNKAVDWWALGVLIYEMAVGFPPFY ADQPIQIYEKIVSGRVRFPSKLSSDLKHLLRSLLQVDLTKRFGNLRNGVGDINKHKWFAT TSWIAIYEKKVEAPFIPKYTGPGDASNFDDYEEEELRISINEKCPKEFSEF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PRKACG protein kinase, cAMP-dependent, catalytic, gamma [Homo sapiens (human)]
Official Symbol	PRKACG
Synonyms	PRKACG; protein kinase, cAMP-dependent, catalytic, gamma; KAPG; PKACg; cAMP-dependent protein kinase catalytic subunit gamma; PKA C-gamma; serine(threonine) protein kinase;
Entrez Gene ID	5568
Protein Refseq	NP_002723
UniProt ID	P22612
Chromosome Location	9q13
Pathway	AMPK signaling; Adaptive Immune System; Adrenergic signaling in cardiomyocytes; Amoebiasis
Function	ATP binding; cAMP-dependent protein kinase activity;