

DNAxPAb

Hard-to-Find
Antibody

PRKG2 DNAxPab

Catalog # H00005593-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PRKG2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGNGSVKPKHSHKHPDGHSGNLTTDALRNKVTELERELRRKDAEIQEREYHLKELREQLSKQTVAI
AELTEELQNKCIQLNKLQDVVHMQGGSPQLQASPDKVPLEVHRKTSGLVSLHSRRGAKAGVSAEP
TTRTYDLNKPPEFSFEKARVRKDSSEKKLITDALNKNQFLKRLDPQQIKDMVECMYGRNYQQGSYI
IKQGEPGNHIFVLAEGRLEVFGGEKLLSSIPMWTTFGELAILYNCTRTASVKAITNVKTWALDREVF
QNIMRRTAQARDEQYRNFLRSVSLKLNLPEDKLTKIIDCLEVEYYDKGDYIIREGEEGSTFFILAKGK
VKVTQSTEGHDQPQLIKTLQKGEYFGEKALISDDVRSANIAEENDVACLVIDRETFNQTVGTFEEL
QKYLEGYVANLNRDDEKRHAKRSMNSWKLSKALSLEMIQLKEKVARFSSSSPFQNL E IATLGVG
GFGRELKVKKNENAFAMKCIRKKHIVDTKQQEHVYSEKRILEELCSPFVKLYRTFKDNKYVYML
LEACLGELWSILRDRGSFDEPTSKFCVACVTEAFDYLHRLGIYRDLKPENLILDAEGLKLVDFG
FAKKIGSGQKTWTFCTPEYVAPEVILNKGHDFSVD FWSLGLVYELLTG NPPFSGVDQMMTYNLI
LKGIEKMDFP RKITRRPEDLIRRLCRQNPTERLGNLKNGINDIKKHRWLNGFNWEGLKARSLPSPL
QRELKGPIDHSYFDKYPPEKGMPPDELSGWDKDF

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 — PRKG2

Entrez GeneID	5593
GeneBank Accession#	BC111597.2
Protein Accession#	AAI11598.1
Gene Name	PRKG2
Gene Alias	PRKGR2, cGKII
Gene Description	protein kinase, cGMP-dependent, type II
Omim ID	601591
Gene Ontology	Hyperlink
Gene Summary	cGMP-dependent
Other Designations	OTTHUMP00000160807

Pathway

- [Gap junction](#)
- [Long-term depression](#)
- [Olfactory transduction](#)

Disease

- [Alcoholism](#)

- [Genetic Predisposition to Disease](#)
- [Gout](#)
- [Tobacco Use Disorder](#)