

DNAxPAb

Hard-to-Find
Antibody

PRKCZ DNAxPab

Catalog # H00005590-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRKCZ DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPSRTGPKMEGSGGRVRLKAHYGGDIFITSVDAATTFEELCEEVRDMCRLHQQHPLTLKWVDSE GDPCTVSSQMELEEAFLARQCRDEGLIHHVFPSTPEQPLPCPGEDKSIYRRGARRWRKLYRAN GHLFQAKRFNRRAYCGQCSERWGLARQGYRCINCKLLVHKRCHGLVPLTCRKHMDSVMPSQEP PVDDKNEDADLPSEETDGIAYISSSRKHDSIKDDSEDLKPVIDGMDGIKISQGLGLQDFDLIRVIGR GSYAKVLLVRLKKNDQYAMKVVKELVHDDDEDWVQTEKHVFEQASSNPFLVGLHSCFQTTSR LFLVIEYVNGGDLMFHMQRQRKLPEEHARFYAAEICIALNFLHERGIYRDLKLDNVLLDADGHKLT DYGMCKEGLGPGDTTSTFCGTPNYIAPEILRGEEYGFSDWWALGVLMFEMMAGRSPFDIITDNP DMNTEDYLFQVILEKPIRIPRFLSVKASHVLKGFNLKDPKERLGCRPQTGFSDIKSHAFFRSIDWDL LEKKQALPPFQPQITDDYGLDNFDTQFTSEPVQLTPDDEDAKRIDQSEFEGFEYNPLLLSTEEVS
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 — PRKCZ

Entrez GeneID [5590](#)

GeneBank Accession# [NM_002744.4](#)

Protein Accession# [NP_002735.3](#)

Gene Name PRKCZ

Gene Alias PKC-ZETA, PKC2

Gene Description protein kinase C, zeta

Omim ID [176982](#)

Gene Ontology [Hyperlink](#)

Gene Summary Protein kinase C (PKC) zeta is a member of the PKC family of serine/threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000001368|OTTHUMP000000044160

Pathway

- [Chemokine signaling pathway](#)
- [Endocytosis](#)
- [Insulin signaling pathway](#)
- [Tight junction](#)
- [Type II diabetes mellitus](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)