

DNAxPAb

Hard-to-Find
Antibody

PDK4 DNAxPab

Catalog # H00005166-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PDK4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKAARFVLR SAGSLNGAGLVPREVEHFSRYSPLSMKQLLDGSENACERTSFAFLRQELPVR LANILKEIDILPTQLVNTSSVQLVKS WYIQSLMDLVEFHEKSPDDQKALSDFVDTLIKVRNRHHNVV PTMAQGII EYKDACTVDPVTNQNLQYFLDRFYMNRISTRMLMNQHILIFSDSQTGNPSHIGSIDPNCD VVAVVQDAFEC SRMLCDQYYLSSPELKLTVNGKFPDQPIHIVYVPSHLHHMLFELFKNAMRATV EHQENQPSLTPIEVIVLGKEDLTIKISDRGGGVPLRIIDRLFSYTYSTAPTPVMDNSRNAPLAGFGY GLPISRLYAKYFQGDNLNLSLGYGTDAIMLKALSSSEIEKLPVFNKSAFKHYQMSSEADDWCIPSR EPKNLAKEVAM
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 — PDK4

Entrez GeneID [5166](#)

GeneBank Accession# [NM_002612.3](#)

Protein Accession# [NP_002603.1](#)

Gene Name PDK4

Gene Alias FLJ40832

Gene Description pyruvate dehydrogenase kinase, isozyme 4

Omim ID [602527](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the PDK/BCKDK protein kinase family and encodes a mitochondrial protein with a histidine kinase domain. This protein is located in the matrix of the mitochondria and inhibits the pyruvate dehydrogenase complex by phosphorylating one of its subunits, thereby contributing to the regulation of glucose metabolism. Expression of this gene is regulated by glucocorticoids, retinoic acid and insulin. [provided by RefSeq]

Other Designations pyruvate dehydrogenase kinase 4|pyruvate dehydrogenase kinase, isoenzyme 4

Disease

- [Diabetes Mellitus](#)