

DNAxPAb

Hard-to-Find
Antibody

PDK1 DNAxPAb

Catalog # H00005163-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PDK1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRLARLLRGAALAGPGPLRAAGFSRSFSSDSGSSPASERGVPGQVDFYARFSPSPLSMKQFL DFGSVNACEKTSFMFLRQELPVRLANIMKEISLLPDNLLRTPSVQLVQSWYQSLQELLDFKDKSA EDAKAYDFTDTVIRIRNRHNDVIPTMAQGVIEYKESFGVDPVTSQNVQYFLDRFYMSRISIRMLLNQ HSLFSGKGKKGSPSHRKHIGSINPNCNVLEVIKGYENARRLCDLYINSPELELEELNAKSPGQPI QVVYVPSHLYHMFELFKNAMRATMEHHANRGVYPPIQVHVTLGNEDLTVKMSDRGGGVPLRKI DRLFNMYSTAPRPRVETSRVPLAGFGYGLPISRLYAQYFQGDLKLYSLEGYGTDAVYKALSTD SIERLPVYNKAAWKHYNTNHEADWCVPSPREP KDMTTFRSA
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 — PDK1

Entrez GeneID	5163
GeneBank Accession#	DQ894484.2
Protein Accession#	ABM85410.1
Gene Name	PDK1
Gene Alias	-
Gene Description	pyruvate dehydrogenase kinase, isozyme 1
Omim ID	602524
Gene Ontology	Hyperlink
Gene Summary	Pyruvate dehydrogenase (PDH) is a mitochondrial multienzyme complex that catalyzes the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. The enzymatic activity is regulated by a phosphorylation/dephosphorylation cycle. Phosphorylation of PDH by a specific pyruvate dehydrogenase kinase (PDK) results in inactivation. [provided by RefSeq]
Other Designations	mitochondrial pyruvate dehydrogenase kinase isoenzyme 1 pyruvate dehydrogenase kinase, isoenzyme 1

Pathway

- [Fc epsilon RI signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [T cell receptor signaling pathway](#)

Disease

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