

PDK4 polyclonal antibody (A01)

Catalog # H00005166-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PDK4.
Immunogen	PDK4 (AAH40239, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag.
Sequence	SDSQTGNPSHIGSIDPNCDDVAVVQDAFGCSRMLCDQYYLSSPELKLTQANGKFPDQPIHIVYP SHLHHMLFELFKNAMRATVEHQENQPSLTPIEVV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDK4

Entrez GeneID [5166](#)

GeneBank Accession# [BC040239](#)

Protein Accession# [AAH40239](#)

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](#)