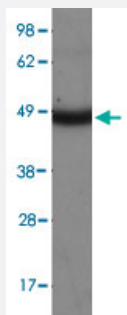


PDK4 polyclonal antibody

Catalog # PAB15513 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of human heart tissue lysate with PDK4 polyclonal antibody (Cat # PAB15513).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PDK4.
Immunogen	A synthetic peptide corresponding to amino acids 200-250 of human PDK4.
Host	Rabbit
Reactivity	Human, Rat
Specificity	Immunogen has 94% homology with rat and 88% homology with mouse. This antibody is useful for Western blot, where a band is seen ~49 KDa.
Form	Liquid
Recommend Usage	Western Blot (2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (30% glycerol, 0.09% sodium azide)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Western blot of human heart tissue lysate with PDK4 polyclonal antibody (Cat # PAB15513).

Gene Info — PDK4

Entrez GeneID	5166
Protein Accession#	Q16654
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](#)