

Datasheet

PDK4 polyclonal antibody

Catalog Number: PAB15512

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of PDK4.

Immunogen: A synthetic peptide corresponding to amino acids 100-150 of human PDK4.

Host: Rabbit

Reactivity: Bovine, Human, Mouse, Rat

Applications: WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Immunogen has 100% homology with mouse and bovine, 94% homology with rat. 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, 0.1% 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.

Entrez GeneID: 5166

Gene Symbol: PDK4

Gene Alias: FLJ40832

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]