

Anti-PDK4(Pyruvate dehydrogenase kinase isoform 4) Polyclonal Antibody

Cat. #: 60B768

Description:

PDK4(Pyruvate dehydrogenase kinase isoform 4) inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha sub-unit, thus contributing to the regulation of glucose metabolism. PDK4 belongs to the PDK/BCKDK protein kinase family and contains 1 histidine kinase domain.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse PDK4(Pyruvate dehydrogenase kinase isoform 4)

References

Ono,R., et al, Nat. Genet. 38 (1), 101-106 (2006)
Wende,A.R., et al, Mol. Cell. Biol. 25 (24), 10684-10694 (2005)
Savkur,R.S., et al, Biochem. Biophys. Res. Commun. 329 (1), 391-396 (2005)
Mootha,V.K., et al, Cell 115 (5), 629-640 (2003)
Da Cruz,S., et al, J. Biol. Chem. 278 (42), 41566-41571 (2003)
Holness,M.J., et al, Biochem. J. 366 (PT 3), 839-846 (2002)
Wu,P., et al, Biochem. Biophys. Res. Commun. 287 (2), 391-396 (2001)

Species: mouse, rat, human
Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA
Western Blotting (1µg/ml for 2hrs)