

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

Cat. #: 60B321

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 is ubiquitous expressed, and the highest levels of expression are in heart and skeletal muscle. 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 human PDK4(Pyruvate dehydrogenase kinase isoform 4)

References

Rowles,J., et al, J. Biol. Chem. 271 (37), 22376-22382 (1996)
Strausberg,R.L., et al, Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)

Clone Number:

Isotype:

Species: 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)