

PDK4 polyclonal antibody

Catalog: BS66275

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

46KDa

Swiss-Prot:

Q16654

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000 | IHC, 1:50 - 1:200 | IF/ICC, 1:10 - 1:100

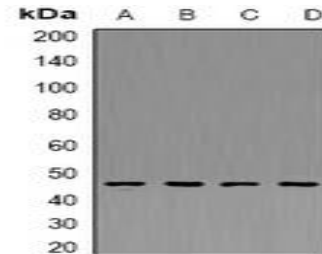
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

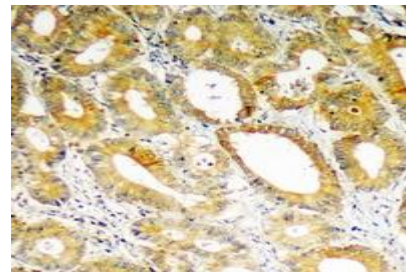
Specificity:

PDK4 polyclonal antibody detects endogenous levels of PDK4 protein.

DATA:



Western blot analysis of PDK4 expression in THP1 (A), HeLa (B), mouse kidney (C), mouse heart (D) whole cell lysates.



Immunohistochemical analysis of PDK4 staining in human colon cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of PDK4 staining in U2OS cells.

Note:

For research use only, not for use in diagnostic procedure.

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