

PDK4 Antibody

Catalog_no :	AB0697
Applications :	WB, IHC-P, FC
Reactivity :	H, M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	Purified His-tagged PDK4 protein(Fragment) was used to produced this monoclonal antibody.
Dilution :	WB,1:500-1:1000;WB,1:1000;WB, 1:250;
Purification :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial, Pyruvate dehydrogenase kinase isoform 4, PDK4, PDHK4
Isotype :	IgG1
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.
reference :	Lu, Y., et al. J. Lipid Res. 49(12):2582-2589(2008) Wynn, R.M., et al. J. Biol. Chem. 283(37):25305-25315(2008) Cadoudal, T., et al. Diabetes 57(9):2272-2279(2008) Tsintzas, K., et al. J. Clin. Endocrinol. Metab. 92(10):3967-3972(2007) Degenhardt, T.