

PDK4 Rabbit Polyclonal Antibody

Catalog TDY1010C TDY1010F

Tel: 010-80117836

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Quantity 50μL 100μL

Entrez-Gene ID:5166 , Swiss-Prot Acc.Q16654

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H,M,R	46KD	IgG

Storage Buffer & Condition: Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

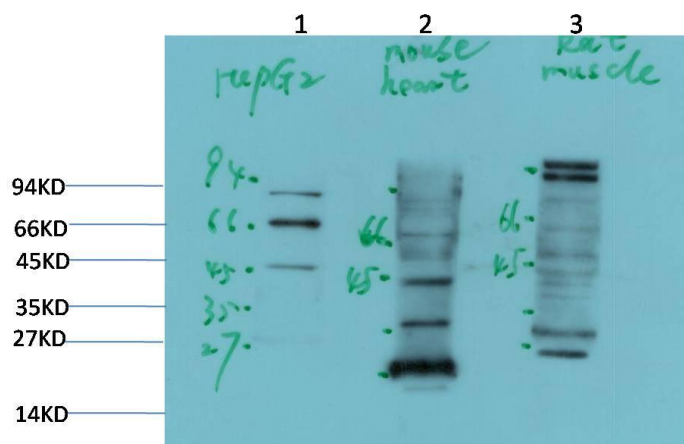
Recommended dilutions: WB: 1:1,000-2,000

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detect endogenous Human, Mouse, Rat PDK4 protein.

Alternative Names: FLJ40832, mitochondrial, Pyruvate dehydrogenase kinase 4

Background: Pyruvate dehydrogenase kinase isoform4 (PDK4) is also named as PDHK4 and belongs to the PDK/BCKDK protein kinase family. It is upregulated by starvation in many tissues of the body during starvation. This causes inactivation of the pyruvate dehydrogenase complex which blocks pyruvate oxidation and conserves lactate and alanine for gluconeogenesis.



Western blot analysis of 1) HepG2 Cell Lysate, 2) Mouse Heart Tissue Lysate, 3) Rat Muscle Tissue Lysate using (TDY1010) Rabbit pAb diluted at 1:2,000.