

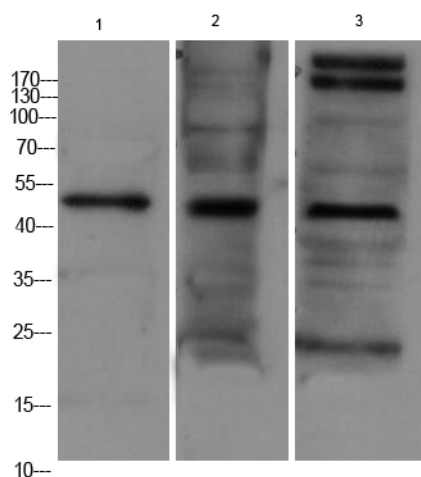


PDK4 Rabbit pAb

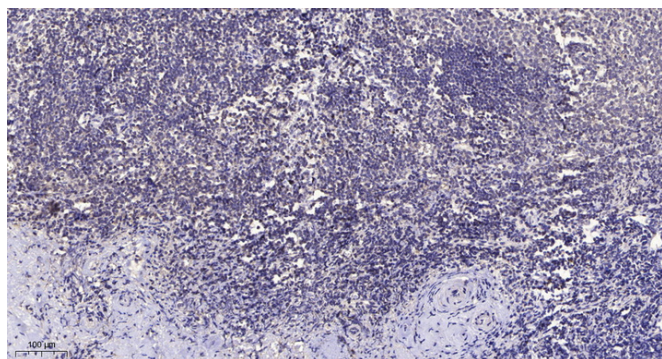
Catalog No	YP-Ab-10306
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	IHC; WB
Gene Name	PDK4 PDHK4
Immunogen	Synthesized peptide derived from human PDK4 AA range: 34-84
Specificity	This antibody detects endogenous levels of PDK4 at Human, Mouse, Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p1:50-200 , WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4; mitochondrial; EC:2.7.11.2; PDHK4; PDK4; PDK4 PDHK4; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 4; mitochondrial (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 4)
Observed Band	46kD
Calculated Molecular Weight	46kD
Cell Pathway	Mitochondrion matrix.
Tissue Specificity	Ubiquitous; highest levels of expression in heart and skeletal muscle.
Function	
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.
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).