

## PDK3 antibody

### Product Information

Catalog No.:	FNab06278
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO<sub>2</sub>. It provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle, and thus is one of the major enzymes responsible for the regulation of glucose metabolism. The enzymatic activity of PDH is regulated by a phosphorylation/dephosphorylation cycle, and phosphorylation results in inactivation of PDH. The protein encoded by this gene is one of the three pyruvate dehydrogenase kinases that inhibits the PDH complex by phosphorylation of the E1 alpha subunit. This gene is predominantly expressed in the heart and skeletal muscles. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### Immunogen information

Immunogen:	pyruvate dehydrogenase kinase, isozyme 3
Synonyms:	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial Pyruvate dehydrogenase kinase isoform 3 PDK3 PDHK3
Observed MW:	47 kDa
Uniprot ID :	Q15120

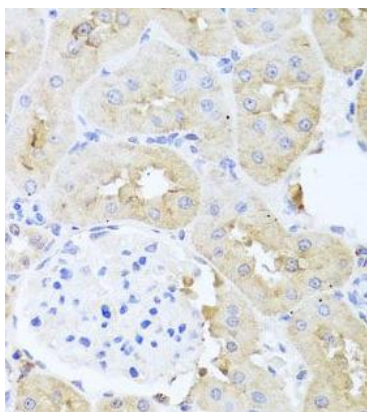
### Application

Reactivity:	Human, Mouse, Rat
-------------	-------------------

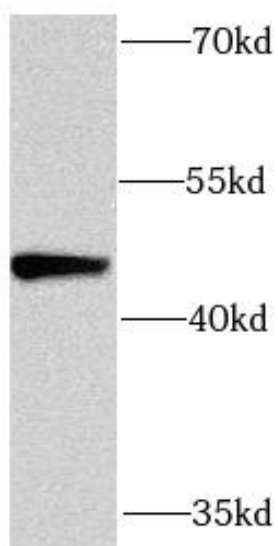
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat kidney using FNab06278( PDK3 Antibody) at dilution of 1:100



mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab06278(PDK3 antibody) at dilution of 1:1000