# PDK2 Rabbit mAb

Catalog No.: A4737 Recombinant 2 Publications



## **Basic Information**

#### **Observed MW**

46kDa

### **Calculated MW**

39kDa/46kDa

### Category

Primary antibody

### **Applications**

WB,IHC-P,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC1113

## **Background**

This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**Swiss Prot
5164
Q15119

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

PDHK2; PDKII; PDK2

## **Contact**

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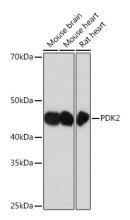
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

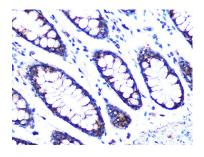


Western blot analysis of various lysates using PDK2 Rabbit mAb (A4737) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021).

Exposure time: 3min.



Immunohistochemistry analysis of paraffinembedded Human colon using PDK2 Rabbit mAb (A4737) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.