PDK2 Rabbit pAb

Catalog No.: A4012 2 Publications



Basic Information

Observed MW

46kDa

Calculated MW

46kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

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 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 μ g/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene IDSwiss Prot
5164
Q15119

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

PDHK2; PDKII; PDK2

Contact

a	400-999-6126
×	cn.market@abclonal.com.cn
$\overline{\Box}$	www abclonal com cn

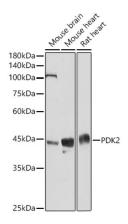
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

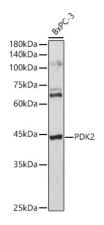


Western blot analysis of various lysates using PDK2 Rabbit pAb (A4012) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



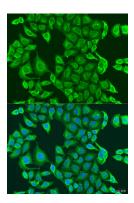
Western blot analysis of lysates from BxPC-3 cells, using PDK2 Rabbit pAb (A4012) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunofluorescence analysis of U2OS cells using PDK2 Rabbit pAb (A4012) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.