

PDXK Rabbit pAb

Catalog No.: A6687 **1 Publications**

Basic Information

Observed MW

35kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:10 - 1:100

Immunogen Information

Gene ID

8566

Swiss Prot

O00764

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-312 of human PDXK (NP_003672.1).

Synonyms

PKH; PNK; HMSN6C; PRED79; C21orf97; HEL-S-1a; C21orf124; PDXK

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

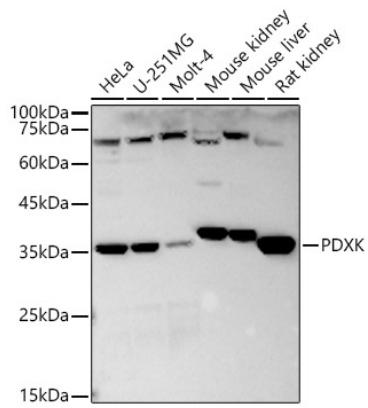
Affinity purification

Storage

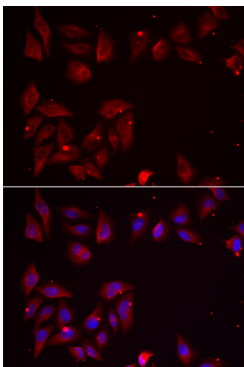
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of extracts of various cell lines, using PDXK antibody (A6687) at 1:600 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of U2OS cells using PDXK antibody (A6687). Blue: DAPI for nuclear staining.