

PDXK antibody

Catalog No: #39101

Package Size: #39101-1 50ul #39101-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

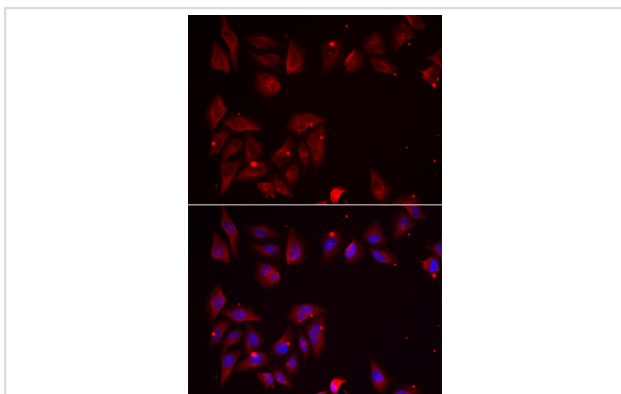
Description

Product Name	PDXK antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PDXK protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PDXK.
Target Name	PDXK
Other Names	PKH; PNK; PRED79; C21orf97; HEL-S-1a; C21orf124;
Accession No.	Swiss-Prot#: O00764NCBI Gene ID: 8566
Uniprot	O00764
GeneID	8566;
SDS-PAGE MW	35kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

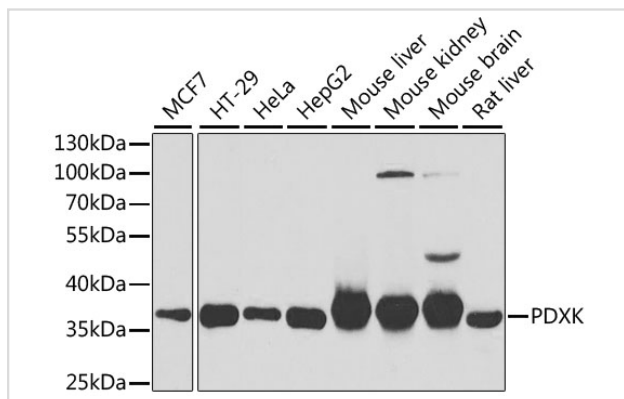
Application Details

WB □ 1:500 - 1:2000IF □ 1:10 - 1:100

Images



Immunofluorescence analysis of U2OS cells using PDXK .
Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using PDXK at 1:1000 dilution.

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.

Note: This product is for in vitro research use only