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[KD-Validated] Anti-PDPK1 Rabbit Monoclonal Antibody

Cat No.: KD-10676

Aliases:

PDPK1; 3-Phosphoinositide Dependent Protein Kinase 1; PDK1; 3-Phosphoinositide-Dependent Protein Kinase 1; EC 2.7.11.1; 3-Phosphoinositide-Dependent Protein Kinase 2 Pseudogene; Putative 3-Phosphoinositide-Dependent Protein Kinase; PkB Kinase Like Gene 1; PkB Kinase; EC 2.7.11; PRO0461; PDPK2P; PDPK2; HPDK1

Background:

UniProt Entry: O15530;NCBI Gene Entry: 5170

Application Information

Molecular Weight: Predicted, 63 kDa, observed, 63 kDa Clonality: Rabbit monoclonal antibody Clone ID: 24GB5425 Spncies Reactivity: Human, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM)

Immunogen

A synthesized peptide derived from human PDPK1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

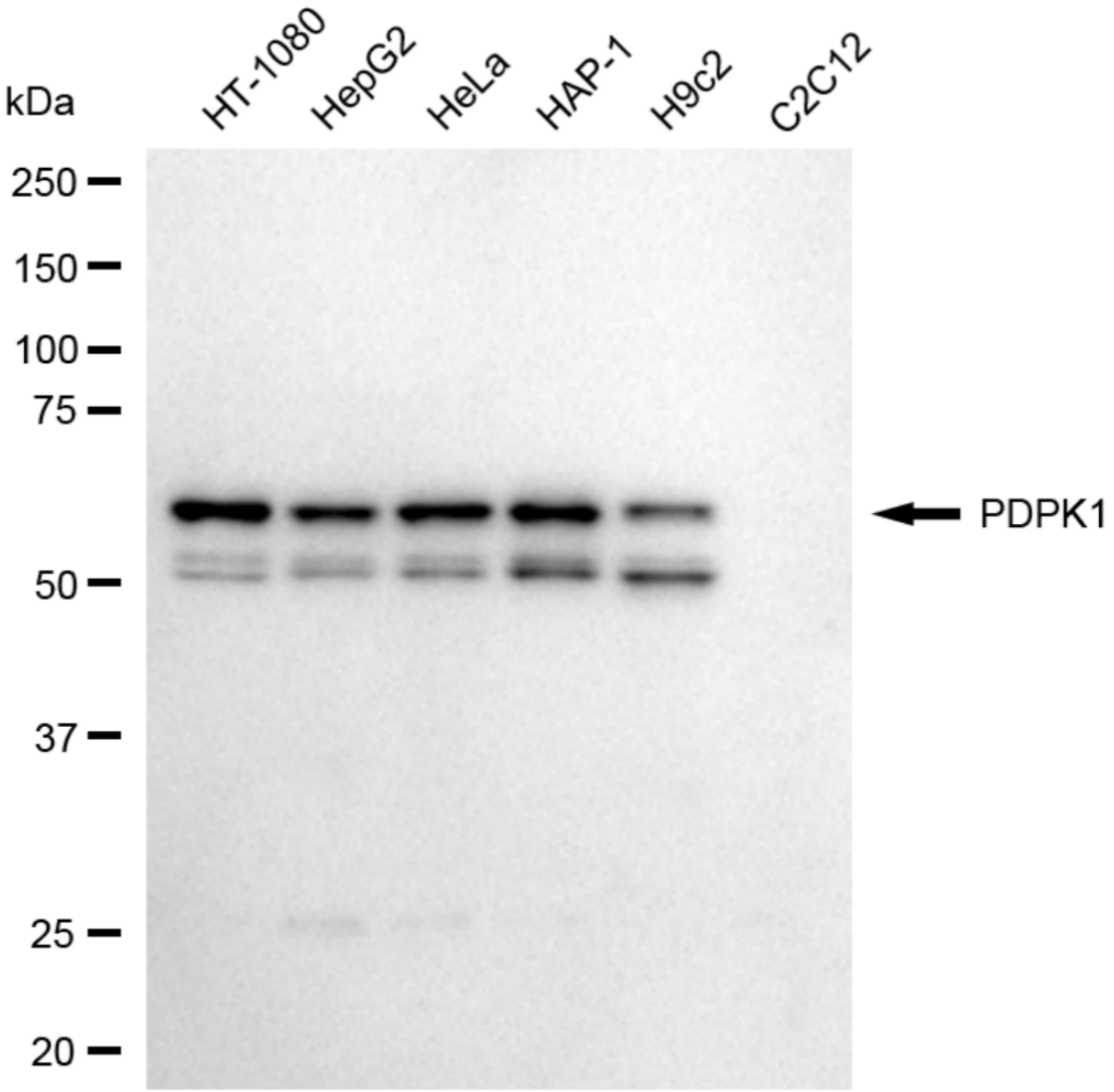
Store at -20 °C for one year.

Recommended Dilutions

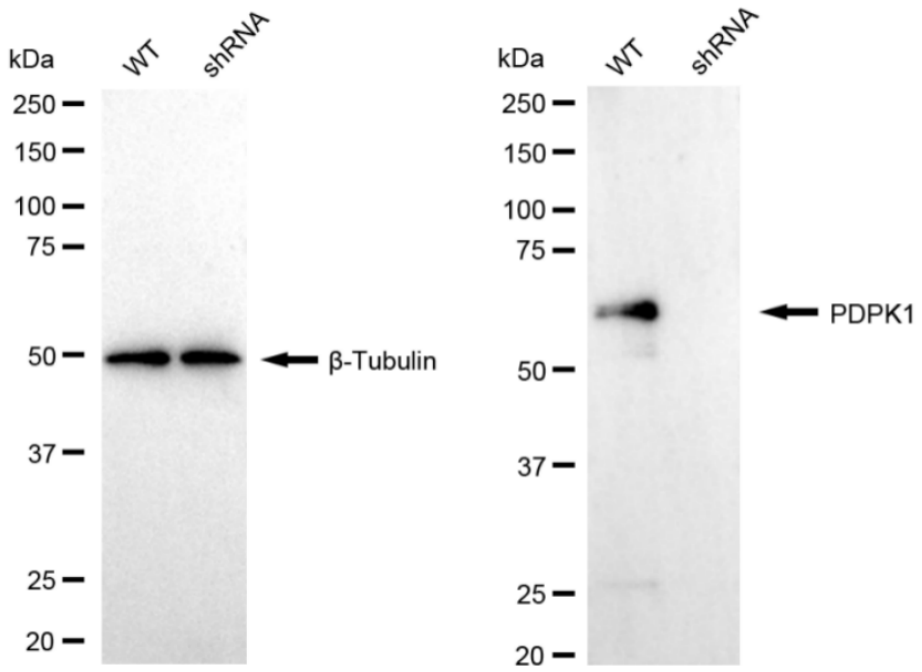
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Protocols

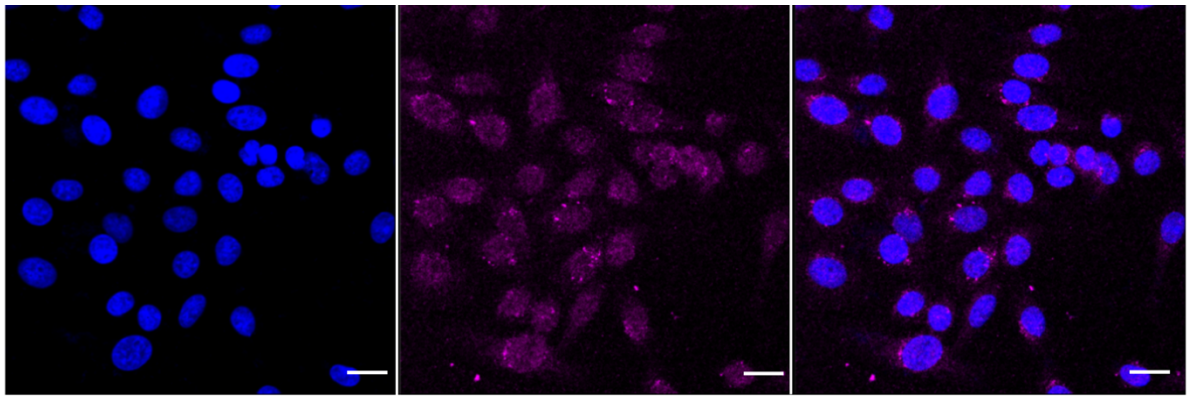
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



Western blotting analysis using anti-PDPK1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQTM ECL Substrate Kit . PDPK1, 3-phosphoinositide dependent protein kinase 1.



Western blotting analysis using anti-PDPK1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit 1:2,000. Green, isotype control; red, PDPK1.



Immunocytochemical staining of HepG2 cells with anti-PDPK1 antibody 1:1,000. Nuclei were stained blue with DAPI; PDPK1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.