

## **Product datasheet for TA379783S**

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# **PDXK Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ELISA, ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:1000

IF/ICC,1:10 - 1:100

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

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

**Concentration:** lot specific

**Purification:** Affinity purification

**Conjugation:** Unconjugated

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

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 35kDa

**Gene Name:** pyridoxal (pyridoxine, vitamin B6) kinase

Database Link: Entrez Gene 8566 Human

<u>000764</u>

**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.

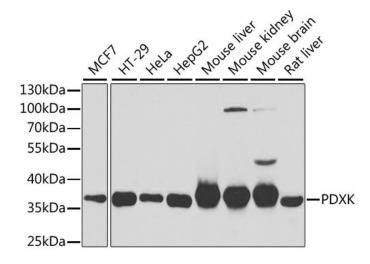
**Synonyms:** C21orf97; C21orf124; DKFZp566A071; FLJ21324; FLJ31940; FLJ37311; MGC15873; MGC31754;

MGC52346; PKH; PNK; PRED79

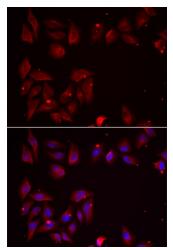




## **Product images:**



Western blot analysis of various lysates using PDXK Rabbit pAb ([TA379783]) at 1:600 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: 30s.



Immunofluorescence analysis of U2OS cells using PDXK Rabbit pAb ([TA379783]). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.