

PACO44874

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

Catalyzes the NADPH-dependent reduction of several pentoses, tetroses, trioses, alpha-dicarbonyl compounds and L-xylulose. Participates in the uronate cycle of glucose metabolism. May play a role in the water absorption and cellular osmoregulation in the proximal renal tubules by producing xylitol, an osmolyte, thereby preventing osmolytic stress from occurring in the renal tubules.

Gene ID:

DCXR

Uniprot

Q7Z4W1

Synonyms:

L-xylulose reductase (XR) (EC 1.1.1.10) (Carbonyl reductase II) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Short chain dehydrogenase/reductase family 20C member 1) (Sperm surface protein P34H), DCXR, SDR20C1

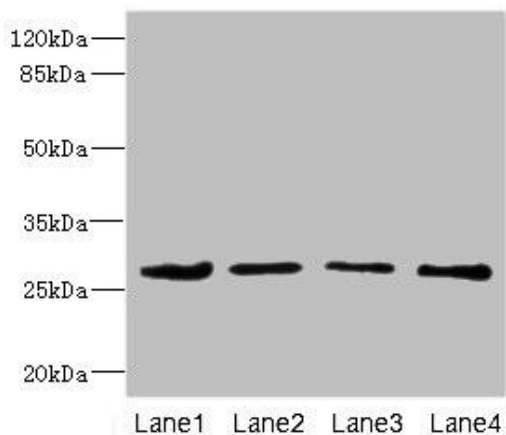
Immunogen:

Recombinant Human L-xylulose reductase protein (1-244AA).

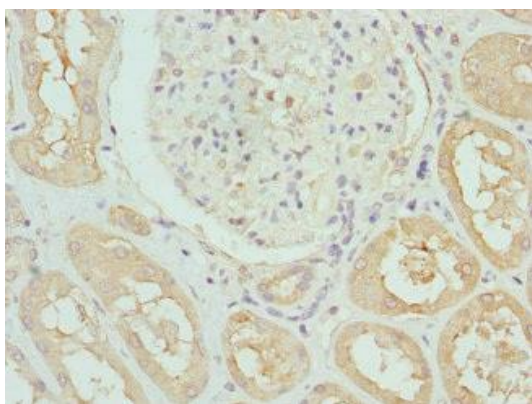
Storage:

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

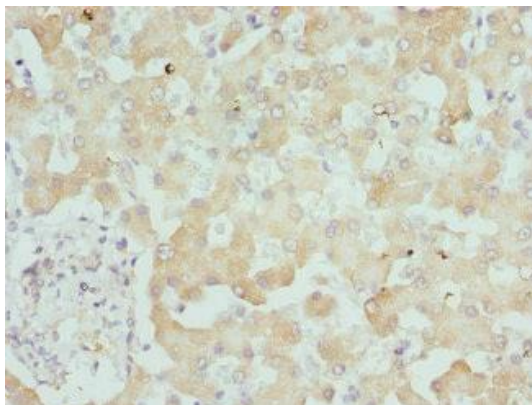
Product Images



Western blot. All lanes: DCXR antibody at 2.93 μ g/ml. Lane 1: Mouse gonadal tissue. Lane 2: HepG2 whole cell lysate. Lane 3: A431 whole cell lysate. Lane 4: MCF-7 whole cell lysate. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 26 kDa. Observed band size: 26 kDa.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO44874 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human liver tissue using PACO44874 at dilution of 1:100.