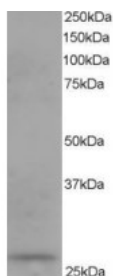


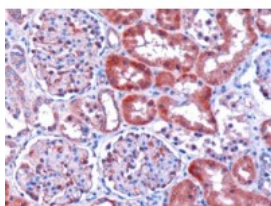


Dicarbonyl Reductase Antibody

CATALOG NUMBER: 45-479



Western Blot staining (0.1ug/ml) of human kidney lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (1ug/ml) staining of paraffin embedded human kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 26kDa band observed in human kidney, liver and testes lysates (calculated MW of 25.9kDa according to NP_057370.1). Recommended for use at 0.1-0.3ug/ml. Immunohistochemistry: In paraffin embedded human kidney, stains membrane / cytoplasm in epithelial cells of renal glomeruli and tubules. Recommended concentration, 1-2ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1305 - Human Kidney Tissue Lysate
IMMUNOGEN:	Dicarbonyl Reductase antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of Dicarbonyl Reductase.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Dicarbonyl Reductase antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Dicarbonyl Reductase antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	DCXR, dicarbonyl/L-xylulose reductase, DCR, HCRII, KIDCR, P34H, carbonyl reductase, carbonyl reductase II, kidney dicarbonyl reductase, XR, HCR2, PNTSU, SDR20C1
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ACCESSION NO.: NP_057370.1

PROTEIN GI NO.: 7705925

OFFICIAL SYMBOL: DCXR

GENE ID: 51181

Background

REFERENCES: 1) Nakagawa J, Ishikura S, Asami J, Isaji T, Usami N, Hara A, Sakurai T, Tsuritani K, Oda K, Takahashi M, Yoshimoto M, Otsuka N, Kitamura K. Molecular characterization of mammalian dicarbonyl/L-xylulose reductase and its localization in kidney J Biol Chem. 2002 May 17;277(20):17883-91

FOR RESEARCH USE ONLY

December 13, 2016