ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Dicarbonyl Reductase Antibody

Item Number	dAP-0346
Target Molecule	Principle Name: Dicarbonyl Reductase; Official Symbol: DCXR; All Names and Symbols: DCXR; dicarbonyl/L-xylulose reductase; DCR; HCRII; KIDCR; P34H; carbonyl reductase; carbonyl reductase II; kidney dicarbonyl reductase; HCR2; SDR20C1; human carbonyl reductase 2; kidney dicarbonyl reductase; short chain dehydrogenase/reductase family 20C; Accession Number (s): NP_057370.1; Human Gene ID(s): 51181; Non-Human GeneID(s):
Immunogen	GSTLPVEGGFWAC, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded human kidney, stains membrane / cytoplasm in epithelial cells of renal glomeruli and tubules. Recommended concentration, 1-2µg/ml.
Reference	Reference(s): 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.PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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