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EB05518 - Goat Anti-Dicarbonyl Reductase Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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, member 1

Official Symbol: DCXR

Accession Number(s): NP_057370.1

Human GeneID(s): 51181

Immunogen

Peptide with sequence GSTLPVEGGFWAC, from the C Terminus of the protein sequence according to NP_057370.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide 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 0.1-0.3µg/ml.

IHC: In paraffin embedded human kidney, stains membrane / cytoplasm in epithelial cells of renal glomeruli and tubules. Recommended concentration, 1-2µg/ml.

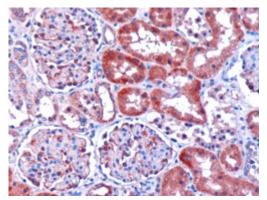
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB05518 staining (0.1μg/ml) of human kidney lysate (RIPA buffer, 35μg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05518 (1 μ g/ml) staining of paraffin embedded human kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.