

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05518 - Goat Anti-Dicarbonyl Reductase Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DCXR, dicarbonyl/L-xylulose reductase, DCR, HCR11, 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.

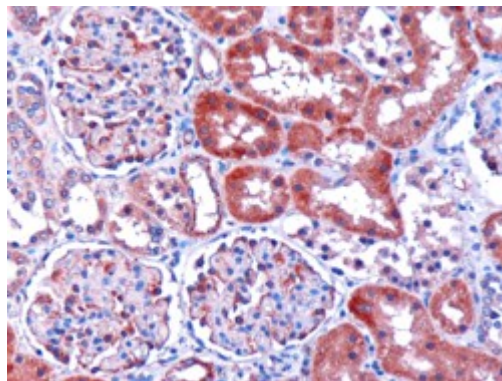
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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



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