

## Goat anti-CBR1 Antibody

<b>Item Number</b>	dAP-0158
<b>Target Molecule</b>	Principle Name: CBR1; Official Symbol: CBR1; All Names and Symbols: CBR1; carbonyl reductase 1; CBR; carbonyl reductase (NADPH); carbonyl reductase (NADPH) 1; hCBR1; prostaglandin 9-ketoreductase; prostaglandin-E(2) 9-reductase; SDR21C1; short chain dehydrogenase/reductase family 21C, member 1; Accession Number (s): NP_001748.1; Human Gene ID(s): 873; Non-Human GeneID(s):
<b>Immunogen</b>	HGQFVSEKRVEQW, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 30-35kDa band observed in Human Kidney, Liver and Lung lysates (calculated MW of 30.4kDa according to NP_001748.1). Recommended concentration: 0.1-0.3µg/ml. An anonymous customer found positive results in WB on Human I
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows cytoplasmic staining of epithelial cells of renal tubules. Recommended concentration: 1-2µg/ml.
<b>Reference</b>	Reference(s): Balcz B, Kirchner L, Cairns N, Fountoulakis M, Lubec G Increased brain protein levels of carbonyl reductase and alcohol dehydrogenase in Down syndrome and Alzheimer's disease. J Neural Transm Suppl. 2001;(61):193-201. PMID: 11771743

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 end users! This product is sold for **Research Use Only**