

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB10306 - Goat Anti-CYPOR Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** CPR, CYPOR, cytochrome P450 reductase, DKFZp686G04235, FLJ26468, NADPH-dependent cytochrome P450 reductase, P450 (cytochrome)

oxidoreductase, P450R, POR

Official Symbol: POR

Accession Number(s): NP\_000932.3

Human GeneID(s): 5447

Non-Human GenelD(s): 18984 (mouse), 29441 (rat)

## **Immunogen**

Peptide with sequence C-TNPPRTNVLYE, from the internal region of the protein sequence according to NP\_000932.3.

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 1:16000.

**Western blot:** Approx 90kDa band observed in Human, Mouse and Rat Liver lysates (calculated MW of 77.0kDa according to NP\_000932.3). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Adrenal Gland. Recommended concentration: 3.75µg/ml.

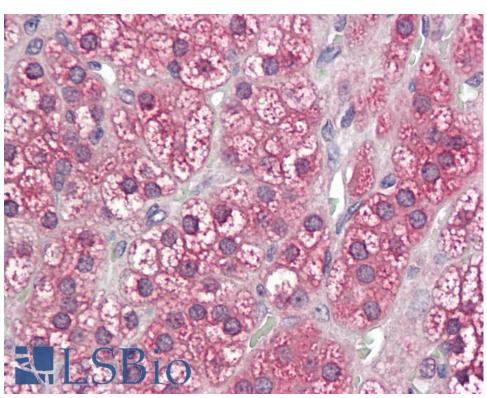
### **Species Reactivity**

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig



EB10306 (0.1µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10306 (3.75µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.