



## UK Office

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

## EB10355 - Goat Anti-CYP2E1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CPE1, CYP2E, cytochrome P450 2E1, cytochrome P450, family 2, subfamily E, polypeptide 1, cytochrome P450, subfamily IIE (ethanol-inducible), polypeptide 1, flavoprotein-linked monooxygenase, microsomal monooxygenase, P450C2E, P450-J, xenobiotic mo, CYP2E1

**Official Symbol:** CYP2E1

**Accession Number(s):** NP\_000764.1

**Human GeneID(s):** [1571](#)

### Immunogen

Peptide with sequence C-RKVIKNVAEVK, from the internal region of the protein sequence according to NP\_000764.1.

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.

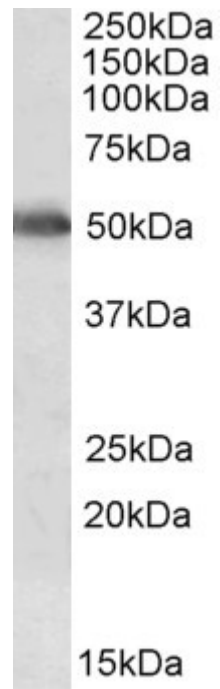
**Western blot:** Approx 50kDa band observed in Human Liver lysates (calculated MW of 56.8kDa according to NP\_000764.1). Recommended concentration: 0.05-0.2µg/ml.

**IHC:** In paraffin embedded Human Liver shows ER-like staining in hepatocytes. Recommended concentration, 3-5µg/ml.

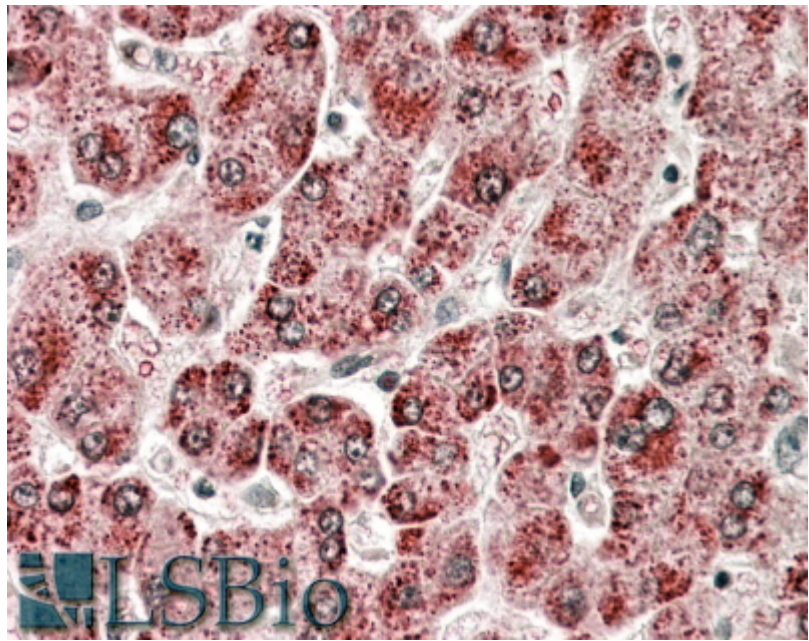
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB10355 (0.05 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10355 (3.8 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.