

#### **International Office**

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# EB13032 - Goat Anti-CYP2D6 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** CYP2D6, cytochrome P450, family 2, subfamily D, polypeptide 6, CPD6, CYP2D, CYP2D7AP, CYP2D7BP, CYP2D7P2, CYP2D8P2, CYP2DL1, CYPIID6, P450-DB1, P450C2D, P450DB1, cytochrome P450 2D6, cytochrome P450, family 2,

subfamily D, polypeptide 7 pseudogene 2

Official Symbol: CYP2D6

Accession Number(s): NP\_000097.3; NP\_001020332.2

Human GeneID(s): 1565

Important Comments: This antibody is expected to recognize both reported isoforms

(NP\_000097.3; NP\_001020332.2).

## **Immunogen**

Peptide with sequence C-PTGQPRPSHH , from the C Terminus of the protein sequence according to NP $\_000097.3$ ; NP $\_001020332.2$ .

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 1:1000.

**Western blot:** Approx 55kDa band observed in Human Liver lysates (calculated MW of 55.8kDa according to NP\_000097.3). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour.at room temperature.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB13032 (2μg/ml) staining of Human Liver lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.