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Research Use Only. Not for diagnostic or therapeutic use.

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

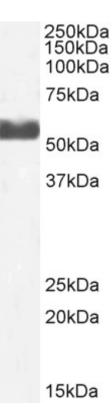
Peptide ELISA: antibody detection limit dilution 1:1000.

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.