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EB11077 - Goat Anti-cytochrome P450 2C8 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CPC8, CYPIIC8, cytochrome P450 2C8, cytochrome P450 form 1, cytochrome P450 IIC2, cytochrome P450 MP-12, cytochrome P450 MP-20, cytochrome P450, family 2, subfamily C, polypeptide 8, cytochrome P450, subfamily IIC (mephenytoin 4-hydroxylase), polypeptide 8, flavoprotein-linked monooxygenase, microsomal monooxygenase, MP-12/MP-20, P450 form 1, s-mephenytoin 4-hydroxylase, xenobiotic monooxygenase, CYP2C8

Official Symbol: CYP2C8

Accession Number(s): NP_000761.3; NP_001185782.1; NP_001185783.1

Human GeneID(s): 1558

Important Comments: This antibody is expected to recognize all reported isoforms (NP_000761.3; NP_001185782.1; NP_001185783.1). No cross-reactivity with other 2C proteins expected. Reported variants represent identical protein: NP_001185782.1, NP_001185784.1

Immunogen

Peptide with sequence C-KNVALTRSYIREK, from the internal region of the protein sequence according to NP_000761.3; NP_001185782.1; NP_001185783.1.

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 55kDa band observed in Human Liver lysates (calculated MW of 55.8kDa according to NP_000761.3). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11077 (0.1 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.