

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB12714 - Goat Anti-CYP2B6 (aa247-259) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CYP2B6, cytochrome P450, family 2, subfamily B, polypeptide 6, CPB6, CYP2B, CYP2B7, CYP2B7P, CYPIIB6, EFVM, IIB1, P450, 1,4-cineole 2-exo-monooxygenase, cytochrome P450 2B6, cytochrome P450 IIB1, cytochrome P450, subfamily IIB (phenobarbital-inducible), polypeptide 6 Official Symbol: CYP2B6 Accession Number(s): NP_000758.1 Human GeneID(s): <u>1555</u>

Immunogen

Peptide with sequence C-HSVEKHRETLDPS, from the internal region of the protein sequence according to NP_000758.1.

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.

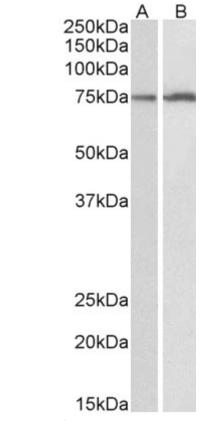
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 75kDa band observed in lysates of cell line HepG2 and K562 (calculated MW of 56.3kDa according to NP_000758.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



EB12714 (0.1µg/ml) staining of HepG2 (A) and K562 (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.