



Goat anti-CYP2B6 (aa247-259) Antibody

Item Number	dAP-3258
Target Molecule	Principle Name: CYP2B6 (aa247-259); Official Symbol: CYP2B6; All Names and Symbols: CYP2B6; cytochrome P450, family 2, subfamily B, polypeptide 6; CPB6; CYP2B; CYP2B7; CYP2B7P; CYP2B6; EFVM; IIB1; P450; 1,4-cineole 2-exo-monooxygenase; cytochrome P450 2B6; cytochrome P450 IIB1; cytochrome P450, subfamily IIB (phenobarbital-inducible), p; Accession Number (s): NP_000758.1; Human Gene ID(s): 1555; Non-Human GeneID(s):
Immunogen	HSVEKHRETLDPS, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Dickmann LJ, Isoherranen N. Quantitative prediction of CYP2B6 induction by estradiol during pregnancy: potential explanation for increased methadone clearance during pregnancy. Drug metabolism and disposition: the biological fate of chemicals 2013 Feb 41 (2): 270-4..PMID: 22815312->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**