

Goat anti-Cyp2d5 / Cyp2d10 (rat) Antibody

Item Number	dAP-2517
Target Molecule	Principle Name: Cyp2d5 / Cyp2d10 (rat); Official Symbol: Cyp2d5; All Names and Symbols: Cyp2d5; cytochrome P450, family 2, subfamily d, polypeptide 5; Cyp2d10; MGC108540; CYPIID10; P450-CMF1B; P450-DB5; cytochrome P450 2D10; cytochrome P450, family 2, subfamily d, polypeptide 10; cytochrome P450-CMF1B; cytochrome P450-DB5; cytochrome P450CMF; Accession Number (s): NP_775426.1; Human Gene ID(s): ; Non-Human GeneID(s): 286963 (rat)
Immunogen	CDAFTAQNGRSINPK, is from internal region
Applications	Pep ELISA, WB Species Tested: Rat
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 32000.
Western Blot	Western Blot: Approx 65kDa band observed in Rat Spleen lysates (calculated MW of 57.1kDa according to NP_775426.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Matsunaga E, Zanger UM, Hardwick JP, Gelboin HV, Meyer UA, Gonzalez FJ, The CYP2D gene subfamily: analysis of the molecular basis of the debrisoquine 4-hydroxylase deficiency in DA rats. Biochemistry 1989 Sep 28 (18): 7349-55..PMID: 2819073->

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 end users! This product is sold for **Research Use Only**