

Goat anti-CYP2D6 Antibody

Item Number	dAP-3459
Target Molecule	Principle Name: CYP2D6; Official Symbol: CYP2D6; All Names and Symbols: 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; cyto; Accession Number (s): NP_000097.3; NP_001020332.2; Human Gene ID(s): 1565; Non-Human GeneID(s):
Immunogen	PTGQPRPSHH, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_000097.3; NP_001020332.2).
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 1000.
Western Blot	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.
IHC	
Reference	Reference(s): Wang A, Savas U, Hsu MH, Stout CD, Johnson EF. Crystal structure of human cytochrome P450 2D6 with prinomastat bound. The Journal of biological chemistry 2012 Mar 287 (14): 10834-43..PMID: 22308038->

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**