

Goat anti-CYP2E1 Antibody

Item Number	dAP-2228
Target Molecule	Principle Name: CYP2E1; Official Symbol: CYP2E1; All Names and Symbols: CYP2E1; cytochrome P450, family 2, subfamily E, polypeptide 1; CPE1; CYP2E; P450-J; P450C2E; cytochrome P450 2E1; cytochrome P450, subfamily IIE (ethanol-inducible), polypeptide 1; flavoprotein-linked monooxygenase; microsomal monooxygenase; xenobiotic mo; Accession Number (s): NP_000764.1; Human Gene ID(s): 1571; Non-Human GeneID(s):
Immunogen	RKVIKNVAEVK, is from internal region
Applications	Pep ELISA, WB, IHC 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 32000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Liver lysates (calculated MW of 56.8kDa according to NP_000764.1). Recommended concentration: 0.05-0.2µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows ER-like staining in hepatocytes. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Niu Y, Yuan H, Leng W, Pang Y, Gu N, Chen N, CYP2E1 Rsa I/Pst I polymorphism and esophageal cancer risk: a meta-analysis based on 1,088 cases and 2,238 controls. <i>Medical oncology</i> (Northwood, London, England) 2010 Mar : ..PMID: 20195803->

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**