Goat anti-cytochrome P450 2C8 Antibody

Item Number	dAP-2522

Target Molecule

Principle Name: cytochrome P450 2C8; Official Symbol: CYP2C8; All Names and Symbols: CYP2C8; cyto-chrome P450, family 2, subfamily C, polypeptide 8; CPC8; CYPIIC8; MP-12/MP-20; P450 form 1; cyto-chrome P450 2C8; cytochrome P450 IIC2; cytochrome P450 MP-12; cytochrome P450 MP-20; cytochrome P450 form 1; cytochrome P450, subfamily IIC (mephen; Accession Number (s): NP_000761.3; NP_001185782.1; NP_001185783.1; Human Gene ID(s): 1558; Non-Human GeneID(s):

Immunogen

KNVALTRSYIREK, is from internal region
This antibody is expected to recognize all reported isoforms (NP_000761.3; NP_001185782.1; NP_001185783.1). No cross-reactivity with other 2C proteins expected. Reported variants represent identi-

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; Reconsititute 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 55kDa band observed in Human Liver lysates (calculated MW of 55.8kDa according to NP_000761.3). Recommended concentration: 0.1-0.3µg/ml.

IHC

Reference

Reference(s): Leskelä S, Jara C, Leandro-García LJ, Martínez A, García-Donas J, Hernando S, Hurtado A, Vicario JC, Montero-Conde C, Landa I, López-Jiménez E, Cascón A, Milne RL, Robledo M, Rodríguez-Antona C. Polymorphisms in cytochromes P450 2C8 and 3A5 are associated with paclitaxel neurotoxicity.

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