

Goat anti-CYP24A1 Antibody

Item Number	dAP-2259
Target Molecule	Principle Name: CYP24A1; Official Symbol: CYP24A1; All Names and Symbols: CYP24A1; cytochrome P450, family 24, subfamily A, polypeptide 1; CP24; CYP24; MGC126273; MGC126274; P450-CC24; 1,25-@dihydroxyvitamin D3 24-hydroxylase; 24-OHase; cytochrome P450 family 24 subfamily A polypeptide 1; cytochrome P450, subfamily XXIV (vitami; Accession Number (s): NP_000773.2; NP_001122387.1; Human Gene ID(s): 1591; Non-Human GeneID(s):
Immunogen	RKYDIQATDN, is from internal region This antibody is expected to recognize both reported isoforms (NP_000773.2; NP_001122387.1).
Applications	Pep ELISA, WB Species Tested: Human, 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 50kDa band observed in Human and Rat Liver lysates (calculated MW of 51.2kDa according to NP_001122387.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Shen H, Bielak LF, Ferguson JF, Streeten EA, Yerges-Armstrong LM, Liu J, Post W, O'Connell JR, Hixson JE, Kardias SL, Sun YV, Jhun MA, Wang X, Mehta NN, Li M, Koller DL, Hakonarson H, Keating BJ, Rader DJ, Shuldiner AR, Peyser PA, Reilly MP, Mitchell BD. Association of the vitamin D me-

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**