

Goat anti-Cyp2r1 (mouse aa405-418)) Antibody

Item Number	dAP-3498
Target Molecule	Principle Name: Cyp2r1 (mouse aa405-418)); Official Symbol: CYP2R1; All Names and Symbols: CYP2R1; cytochrome P450, family 2, subfamily R, polypeptide 1; cytochrome P450 2R1; cytochrome P450, family 2, R1; vitamin D 25-hydroxylase; Accession Number (s): NP_796356.2; Human Gene ID(s): 120227; Non-Human GeneID(s): 244209 (mouse) 361631 (rat)
Immunogen	YSVHFDEKYWKDPD, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse, 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 1000.
Western Blot	Western Blot: Approx 60kDa band observed in Mouse Testis and approx 55-60kDa in Rat Testis lysates (calculated MW of 57.3kDa according to Mouse NP_796356.2 and 54.2kDa according to Rat XP_006230144.1). Recommended concentration: 1-3µg/ml. Primary incuba
IHC	
Reference	Reference(s): Hussein AG, Mohamed RH, Alghobashy AA. Synergism of CYP2R1 and CYP27B1 polymorphisms and susceptibility to type 1 diabetes in Egyptian children. Cellular immunology 2012 Sep 279 (1): 42-5..PMID: 23063903->

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**