

Goat anti-NR5A2 / LRH1 Antibody

Item Number	dAP-3021
Target Molecule	Principle Name: NR5A2 / LRH1; Official Symbol: NR5A2; All Names and Symbols: NR5A2; nuclear receptor subfamily 5, group A, member 2; B1F; B1F2; CPF; FTF; FTZ-F1; FTZ-F1beta; LRH-1; LRH1; hB1F-2; CYP7A promoter-binding factor; alpha-1-fetoprotein transcription factor; b1-binding factor, hepatocyte transcription factor which activates; Accession Number (s): NP_995582.1; NP_003813.1; Human Gene ID(s): 2494; Non-Human GenelD(s): 26424 (mouse) 60349 (rat)
Immunogen	TDYDRSPFVTSPIS, is from internal region This antibody is expected to recognize both reported isoforms (NP_995582.1; NP_003813.1).
Applications	Pep ELISA, WB Species Tested: Human, Pig
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 128000.
Western Blot	Western Blot: Approx 55kDa band observed in nuclear lysates of cell lines HeLa and HepG2, and approx 60kDa band observed in Pig Ovary lysates (calculated MW of 56.5kDa according to Human NP_003813.1 and Pig AFD98842.1). Recommended concentration: 0.3-1µg
IHC	
Reference	Reference(s): Yumoto F, Nguyen P, Sablin EP, Baxter JD, Webb P, Fletterick RJ. Structural basis of coactivation of liver receptor homolog-1 by β -catenin. Proc Natl Acad Sci U S A. 2012 Jan 3;109(1):143-8.. PMID: 22187462->

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**