



Goat anti-TCF2 / VHNF1 Antibody

Item Number	dAP-1000
Target Molecule	Principle Name: TCF2 / VHNF1; Official Symbol: HNF1B; All Names and Symbols: TCF2; VHNF1; transcription factor 2, hepatic LF-B3 variant hepatic nuclear factor; FJHN; HNF1B; HNF1beta; HNF2; LFB3; MODY5; transcription factor 2; Accession Number (s): NP_000449.1; NP_001159395.1; Human Gene ID (s): 6928; Non-Human GeneID(s): 21410 (mouse) 25640 (rat)
Immunogen	QAYDRQKNPSKEER, is from internal region This antibody is expected to recognize both reported isoforms (NP_000449.1; NP_001159395.1). This product may cross-react with HNF1A.
Applications	Pep ELISA, WB, ICC 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 64000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Liver lysates (calculated MW of 61.3kDa according to NP_000449.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently o
IHC	
Reference	Reference(s): Terasawa K, Toyota M, Sagae S, Ogi K, Suzuki H, Sonoda T, Akino K, Maruyama R, Nishikawa N, Imai K, Shinomura Y, Saito T, Tokino T. Epigenetic inactivation of TCF2 in ovarian cancer and various cancer cell lines. Br J Cancer. 2006 Mar 27;94(6):914-21. .PMID: 16479257 ->

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**