

Goat anti-TCF1 / HNF1 Antibody

Item Number	dAP-0987
Target Molecule	Principle Name: TCF1 / HNF1; Official Symbol: HNF1A; All Names and Symbols: TCF1; transcription factor 1, hepatic LF-B1, hepatic nuclear factor (HNF1), albumin proximal factor ; HNF1; HNF1A; LFB1; MODY3 ; Interferon production regulator factor (HNF1); albumin proximal factor; hepatic nuclear factor 1; maturity onset diabetes of t; Accession Number (s): NP_000536.3; Human Gene ID(s): 6927; Non-Human GeneID (s): 21405 (mouse) 24817 (rat)
Immunogen	DELPTKKGRRNRFK, is from internal region
Applications	Pep ELISA Species Tested:
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 4000.
Western Blot	Western Blot: Preliminary experiments in human liver and kidney lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).
IHC	
Reference	Reference(s): Hansen SK, Parrizas M, Jensen ML, Pruhova S, Ek J, Boj SF, Johansen A, Maestro MA, Rivera F, Eiberg H, Andel M, Lebl J, Pedersen O, Ferrer J, Hansen T. Genetic evidence that HNF-1alpha-dependent transcriptional control of HNF-4alpha is essential for human pancreatic beta cell function. J Clin

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**