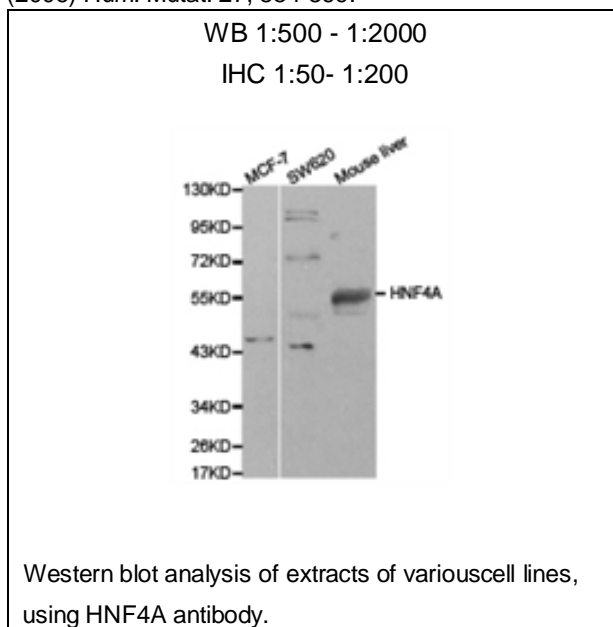




E92085

HNF4A Polyclonal Antibody

- Catalog Number:** E92085
Amount: 100ul
Background: Hepatocyte nuclear factor 4 α (HNF4 α) is a transcription factor that belongs to the steroid hormone receptor superfamily and is enriched in liver (1). HNF4 α , in association with PGC-1 α , activates gluconeogenic genes such as phosphoenolpyruvate carboxykinase and glucose-6-phosphatase genes in fasted livers (2,3). Conditional knockout of the HNF4 α gene in the mouse liver destroys lipid homeostasis and leads to lipid accumulation in the liver and a reduction of serum cholesterol and triglyceride levels (4). Mutations in HNF4 α have been linked to maturity-onset diabetes of the young (MODY) (5).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: HNF4A; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14;
Immunogen: A synthetic peptide of human HNF4A
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 52kDa
Swiss-Prot No. : P41235
Gene ID: 3172
References: 1. Sladek, F.M. et al. (1990) Genes Dev. 4, 2353-2365. 2. Yoon, J.C. et al. (2001) Nature 413, 131-138. 3. Rhee, J. et al. (2003) Proc. Natl. Acad. Sci. USA 100, 4012-4017. 4. Hayhurst, G.P. et al. (2001) Mol. Cell Biol. 21, 1393-1403. 5. Ellard, S. and Colclough, K. (2006) Hum. Mutat. 27, 854-869.



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