

Product datasheet for **TA327262S**

HNF 4 alpha (HNF4A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide of human HNF4A
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	hepatocyte nuclear factor 4 alpha
Database Link:	NP_000448 Entrez Gene 3172 Human P41235
Background:	Hepatocyte nuclear factor 4a (HNF4a) is a transcription factor that belongs to the steroid hormone receptor superfamily and is enriched in liver. HNF4a, in association with PGC-1a, activates gluconeogenic genes such as phosphoenolpyruvate carboxykinase and glucose-6-phosphatase genes in fasted livers. Conditional knockout of the HNF4a 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. Mutations in HNF4a have been linked to maturity-onset diabetes of the young (MODY).
Synonyms:	FRTS4; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14

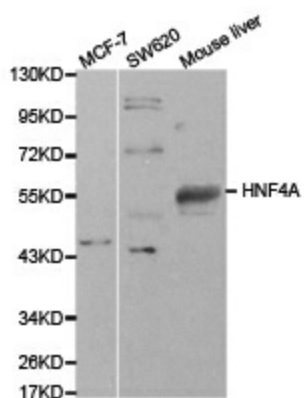


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Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

Product images:



Western blot analysis of extracts of various cell lines, using HNF4A antibody.