

## Product datasheet for **TA327262**

### **HNF 4 alpha (HNF4A) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500 - 1:2000
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	A synthetic peptide of human HNF4A
<b>Formulation:</b>	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	hepatocyte nuclear factor 4 alpha
<b>Database Link:</b>	<a href="#">NP_000448</a> <a href="#">Entrez Gene 3172 Human P41235</a>
<b>Background:</b>	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).
<b>Synonyms:</b>	FRTS4; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14

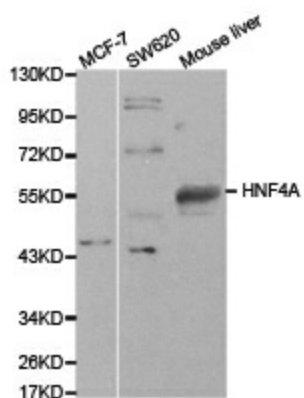


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**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:** Maturity onset diabetes of the young

**Product images:**



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