

## Product datasheet for **TA347648**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HNF4alpha /gamma Antibody: A synthesized peptide derived from human HNF4alpha /gamma
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	hepatocyte nuclear factor 4 alpha
Database Link:	<a href="#">NP_000448</a> <a href="#">Entrez Gene 15378 Mouse</a> <a href="#">Entrez Gene 25735 Rat</a> <a href="#">Entrez Gene 3172 Human</a> <a href="#">P41235</a>
Background:	HNF4 alpha a nuclear transcription factor which binds DNA as a homodimer. Controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic gene, alpha 1-antitrypsin, apolipoprotein CIII, and transthyretin genes. May be essential for development of the liver, kidney and intestine. Mutations have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I.



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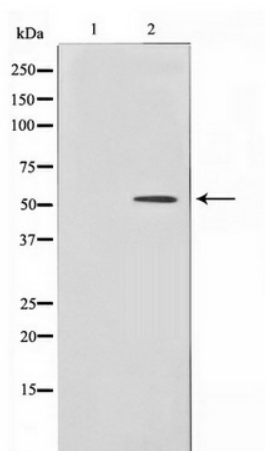
**Synonyms:** FRTS4; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14

**Note:** HNF4alpha /gamma Antibody detects endogenous levels of HNF4alpha /gamma

**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 on HepG2 cell lysate using HNF4alpha /gamma Antibody