

## Product datasheet for **TA330637**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HNF4A antibody: synthetic peptide directed towards the middle region of human HNF4A. Synthetic peptide located within the following region: RGQAATPETPQPSPGGSGSEPYKLLPGAVATIVKPLSAIPQPTITKQEV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	hepatocyte nuclear factor 4 alpha
Database Link:	<a href="#">NP_000448</a> <a href="#">Entrez Gene 3172 Human P41235</a>
Background:	The protein encoded by this gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants encoding several different isoforms. [provided by RefSeq, Apr 2012]



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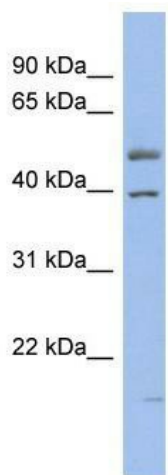
**Synonyms:** FRTS4; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14

**Note:** Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Horse: 93%; Mouse: 93%; Sheep: 93%; Bovine: 93%; Rabbit: 93%; Zebrafish: 90%; Guinea pig: 86%

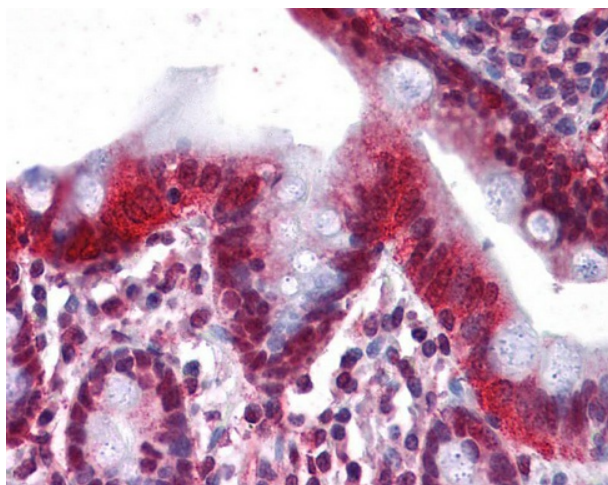
**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Nuclear Hormone Receptor, Transcription Factors

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

**Product images:**



WB Suggested Anti-HNF4A Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: OVCAR-3 cell lysate HNF4A is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells



Human Small Intestine