

Product datasheet for **TA308567**

HNF1 alpha (HNF1A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:1000-1:10000
Reactivity:	Human (Predicted: Mouse, Pig, Rat, Bovine, X. tropicalis)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 35 and 268 of HNF1 alpha (Uniprot ID#P20823)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	HNF1 homeobox A
Database Link:	NP_000536 Entrez Gene 21405 Mouse Entrez Gene 24817 Rat Entrez Gene 6927 Human P20823
Background:	The protein encoded by this gene is a transcription factor required for the expression of several liver-specific genes. The encoded protein functions as a homodimer and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'. Defects in this gene are a cause of maturity onset diabetes of the young type 3 (MODY3) and also can result in the appearance of hepatic adenomas. [provided by RefSeq]
Synonyms:	HNF-1A; HNF1; IDDM20; LFB1; MODY3; TCF-1; TCF1
Note:	Seq homology of immunogen across species: Mouse (99%), Pig (99%), Rat (99%), Bovine (98%), Xenopus tropicalis (86%)

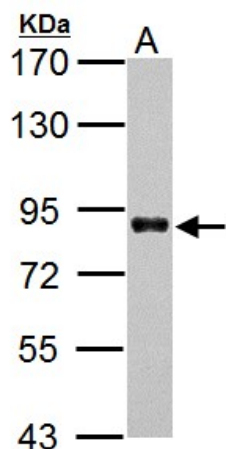


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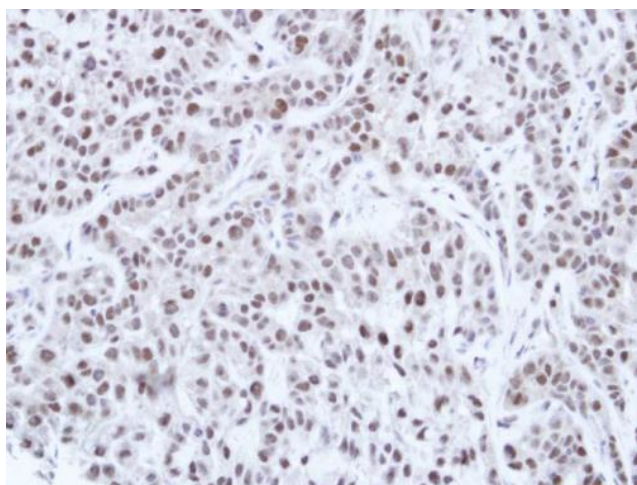
Protein Families: Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

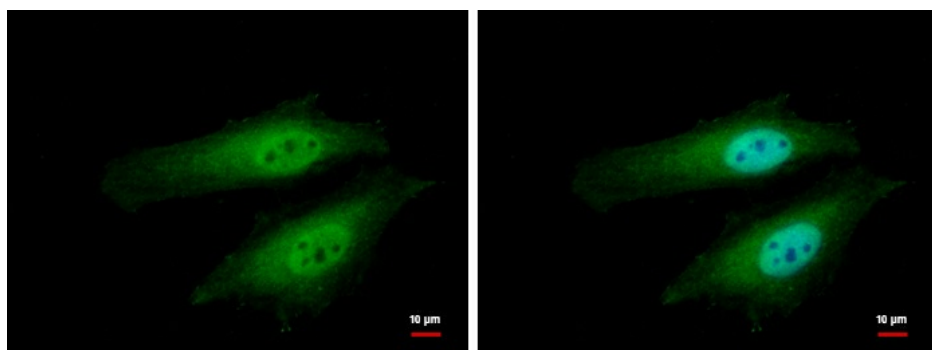
Product images:



HNF1 alpha antibody [N1N3] detects HNF1 alpha protein by Western blot analysis. A. 30 ug HepG2 whole cell lysate/extract. 7.5 % SDS-PAGE. HNF1 alpha antibody [N1N3] (TA308567) dilution: 1:5000



Immunohistochemical analysis of paraffin-embedded A549 Xenograft, using HNF-1 alpha (TA308567) antibody at 1:100 dilution.



HNF1 alpha antibody [N1N3] detects HNF1 alpha protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HNF1 alpha protein stained by HNF1 alpha antibody [N1N3] (TA308567)