



# HNF-4 $\alpha$ / $\gamma$ rabbit pAb

Cat No.:ES2542

For research use only

## Overview

<b>Product Name</b>	HNF-4 $\alpha$ / $\gamma$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HNF4 alpha/gamma. AA range:91-140
<b>Specificity</b>	HNF-4 $\alpha$ / $\gamma$ Polyclonal Antibody detects endogenous levels of HNF-4 $\alpha$ / $\gamma$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Hepatocyte nuclear factor 4-alpha/gamma
<b>Gene Name</b>	HNF4A/HNF4G
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	52kD
<b>Human Gene ID</b>	3172/3174
<b>Human Swiss-Prot Number</b>	P41235/Q14541
<b>Alternative Names</b>	HNF4A; HNF4; NR2A1; TCF14; Hepatocyte nuclear factor 4-alpha; HNF-4-alpha; Nuclear receptor subfamily 2 group A member 1; Transcription factor 14; TCF-14; Transcription factor HNF-4; HNF4G; NR2A2; Hepatocyte nuclear factor 4-gamma; HNF-4-ga
<b>Background</b>	The protein encoded by this gene is a nuclear



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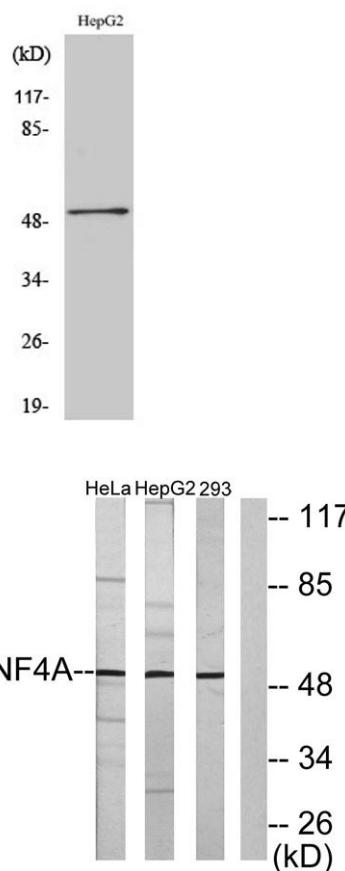
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transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene 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],



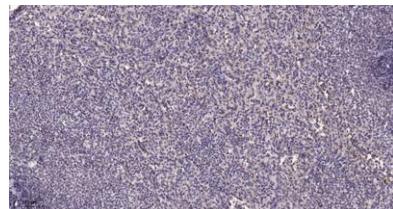
Western blot analysis of lysates from HepG2, HeLa, and 293 cells, using HNF4 alpha/gamma Antibody. The lane on the right is blocked with the synthesized peptide.





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Immunohistochemical analysis of paraffin-embedded human spleen. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight).3, Secondary antibody was diluted at 1:200(room temperature, 45min).



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