

HNF4-alpha(Phospho Ser313) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10099
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HNF4 alpha around the phosphorylation site of Ser313. AA range:280-329
Mol wt	52785
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Hepatocyte nuclear factor 4-alpha
Synonyms	Hepatocyte nuclear factor 4-alpha; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 1. Alternative splicing of this gene results in multiple transcript variants encoding several different isoforms.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

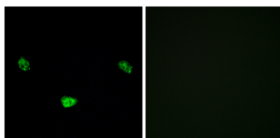
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

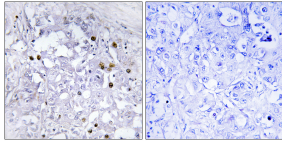
ELISA: 1: 20000

Not yet tested in other applications.

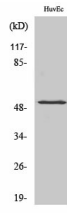
Images



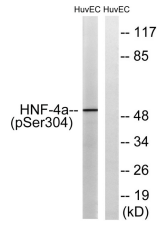
Immunofluorescence analysis of LOVO cells, using HNF4 alpha (Phospho-Ser313) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma, using HNF4 alpha (Phospho-Ser313) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-HNF4- α (S313) Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HUVEC cells treated with EGF 200ng/ml 30', using HNF4 alpha (Phospho-Ser313) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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