

HNF4-α (phospho Ser313) Polyclonal Antibody

Catalog # AP67883

Product Information

Application WB, IHC-P, IF **Primary Accession** P41235

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW52785

Additional Information

Gene ID 3172

Other Names 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

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other

applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name HNF4A

Synonyms HNF4, NR2A1, TCF14

Function Transcriptional regulator which controls the expression of hepatic genes

during the transition of endodermal cells to hepatic progenitor cells, facilitating the recruitment of RNA pol II to the promoters of target genes (PubMed:30597922). Activates the transcription of CYP2C38 (By similarity). Represses the CLOCK-BMAL1 transcriptional activity and is essential for circadian rhythm maintenance and period regulation in the liver and colon

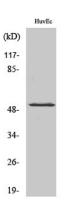
cells (PubMed:30530698).

Cellular Location Nucleus.

Background

Transcriptionally controlled transcription factor. Binds to DNA sites required for the transcription of alpha 1- antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1- alpha. May be essential for development of the liver, kidney and intestine.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.