

Product datasheet for **AP52067PU-N**

HNF 4 alpha (HNF4A) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500 Immunofluorescence: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 116~145 amino acids from the N-terminal region of human HNF4 alpha / TCF14
Specificity:	This antibody recognizes Human HNF4 alpha / TCF14 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	hepatocyte nuclear factor 4 alpha
Database Link:	Entrez Gene 3172 Human P41235
Background:	HNF4A 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.



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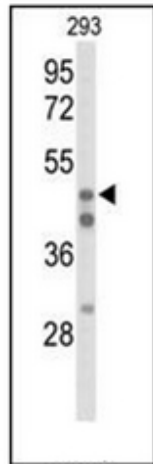
Synonyms: HNF4A, HNF4, NR2A1, Hepatocyte nuclear factor 4-alpha, Transcription factor HNF-4, Transcription factor 14

Note: **Molecular Weight:** 52785 Da

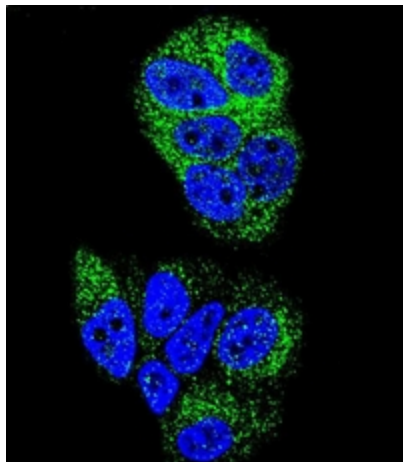
Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

Product images:



Western blot analysis of HNF4 alpha / TCF14 Antibody (N-term) in 293 cell line lysates (35ug/lane). HNF4A (arrow) was detected using the purified Pab.



Confocal immunofluorescent analysis of HNF4 alpha / TCF14 Antibody (N-term) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).