

## Rabbit HNF4A Polyclonal Antibody | anti-HNF4A antibody

HNF4A Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY                                        | APPLICATIONS                            |
|-----------|--------|---------------------------------------------------|-----------------------------------------|
| AAA287283 | Rabbit | Human (Predicted Reactivity: Mouse, Rat, Xenopus) | Immunofluorescence, ELISA, Western Blot |

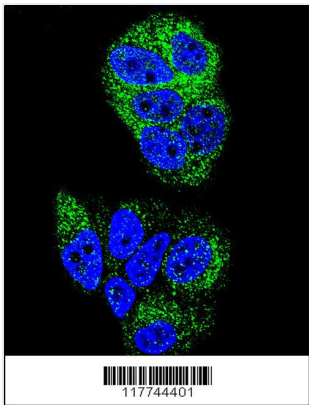
### PRODUCT SYNONYMS

HNF4A; Polyclonal Antibody; HNF4A Antibody (N-term); 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; HNF4; NR2A1; TCF14; anti-HNF4A antibody

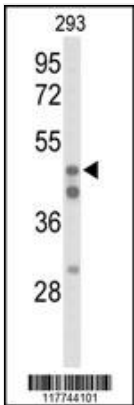
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                    |
| Reactivity                                      | Human (Predicted Reactivity: Mouse, Rat, Xenopus)                                                                                                                                         |
| Clonality                                       | Polyclonal                                                                                                                                                                                |
| Isotype                                         | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                     | This HNF4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-139 amino acids from the N-terminal region of human HNF4A.                    |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                   | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                              | 107-139                                                                                                                                                                                   |
| Sequence Length                                 | 395                                                                                                                                                                                       |
| Applicable Applications for anti-HNF4A antibody | IF (Immunofluorescence), ELISA, WB (Western Blot)                                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                  | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

IMAGES



**IF (Immunofluorescence)**  
Confocal immunofluorescent analysis of HNF4A 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).



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

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HNF4A antibody | 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. |
| Product Categories/Family for anti-HNF4A antibody   | Cancer; Cardiovascular; Cell Biology; Developmental Biology; Neuroscience; Signal Transduction                                                                                                                                                                                                                                                    |
| References                                          | Koh, W., et al. BMC Genomics 11 SUPPL 1, S6 (2010)<br>Wang, F., et al. Chin. Med. J. 122(20):2477-2482(2009)<br>Taghavi, S.M., et al. Cardiovasc Diabetol 8, 63 (2009)<br>Guo, H., et al. Biochem. J. 394 (PT 2), 379-387 (2006)<br>Hong, Y.H., et al. J. Biol. Chem. 278(30):27495-27501(2003)                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 31077205                                                                                       |
| NCBI GeneID                      | 3172                                                                                           |
| NCBI Accession #                 | NP_000448.3; NP_001025174.1; NP_001025175.1; NP_001245284.1; NP_787110.2; NP_849181.1          |
| NCBI GenBank Nucleotide #        | NM_000457.4                                                                                    |
| UniProt Accession #              | P41235; O00659; O00723; Q14540; Q5QPB8; Q6B4V5; Q6B4V6; Q6B4V7; Q92653; Q92654; A5JW41; B2RPP8 |
| Molecular Weight                 | 52785                                                                                          |
| NCBI Official Full Name          | hepatocyte nuclear factor 4-alpha isoform HNF4alpha2                                           |
| NCBI Official Synonym Full Names | hepatocyte nuclear factor 4, alpha                                                             |
| NCBI Official Symbol             | HNF4A                                                                                          |
| NCBI Official Synonym Symbols    | TCF; HNF4; MODY; FRTS4; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha         |
| NCBI Protein Information         | hepatocyte nuclear factor 4-alpha                                                              |
| UniProt Protein Name             | Hepatocyte nuclear factor 4-alpha                                                              |
| UniProt Gene Name                | HNF4A                                                                                          |
| UniProt Synonym Gene Names       | HNF4; NR2A1; TCF14; HNF-4-alpha; TCF-14                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hnf4a-antibody-immunofluorescence-western-blot-elisa/287283>