

# Anti-HNF-4-alpha Rabbit Monoclonal Antibody

Catalog # ABO16283

## Product Information

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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IP                                                                                                                    |
| <b>Primary Accession</b> | <a href="#">P41235</a>                                                                                                         |
| <b>Host</b>              | Rabbit                                                                                                                         |
| <b>Isotype</b>           | IgG                                                                                                                            |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                              |
| <b>Clonality</b>         | Monoclonal                                                                                                                     |
| <b>Format</b>            | Liquid                                                                                                                         |
| <b>Description</b>       | Anti-HNF-4-alpha Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                         | 3172                                                                                                                                                                                  |
| <b>Other Names</b>                     | 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, HNF4A, HNF4, NR2A1, TCF14 |
| <b>Calculated MW</b>                   | 52785                                                                                                                                                                                 |
| <b>Application Details</b>             | WB 1:500-1:2000<br>IHC 1:50-1:200<br>IP 1:50                                                                                                                                          |
| <b>Source</b>                          | Eukaryota                                                                                                                                                                             |
| <b>Contents</b>                        | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                                   |
| <b>Clone Names</b><br><b>Immunogen</b> | Clone: 28H19<br>A synthesized peptide derived from human HNF-4-alpha                                                                                                                  |
| <b>Purification</b>                    | Affinity-chromatography                                                                                                                                                               |
| <b>Storage</b>                         | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                            |

## Protein Information

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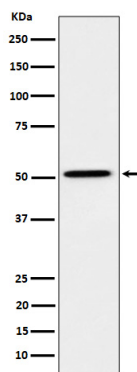
|                 |                    |
|-----------------|--------------------|
| <b>Name</b>     | HNF4A              |
| <b>Synonyms</b> | HNF4, NR2A1, TCF14 |

**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.

## Images

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Western blot analysis of HNF-4-alpha expression in HepG2 cell lysate.

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