

HNF 4 alpha Rabbit mAb

Catalog # AP76537

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, FC, IP |
| Primary Accession | P41235 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Isotype | IgG |
| Conjugate | Unconjugated |
| Purification | Affinity Purified |
| Calculated MW | 52785 |

Additional Information

| | |
|--------------------|---|
| Gene ID | 3172 |
| Other Names | HNF4A |
| Dilution | WB~~1:1000 FC~~1:10~50 IP~~N/A |
| Format | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

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

HNF-4-alpha is a transcription factor that belongs to the steroid hormone receptor superfamily. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha.

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