
Product Name: HNF-4-alpha (7C19) Rabbit Monoclonal Antibody**Catalog #: AMRe12130**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:500,ICC/IF 1:100-1:200,FC 1:50-1:100
Molecular Weight	53kDa

Antigen Information

Gene Name	HNF4A
Alternative Names	HNF 4 alpha; HNF4; HNF4A; HNF4a7; HNF4a8; HNF4a9; Hnf4alpha; MODY; MODY1; NR2A1; NR2A21; TCF14; Tcf4;
Gene ID	3172.0
SwissProt ID	P41235
Immunogen	A synthetic peptide of human HNF-4-alpha

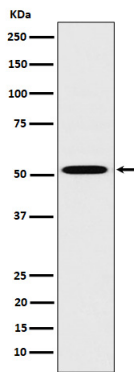
Background

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. 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- ARNTL/BMAL1 transcriptional activity and is essential for circadian rhythm maintenance and period regulation in the liver and colon cells (PubMed:30530698).

Research Area

Cardiovascular

Image Data



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