

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



Summary

Production Name	HNF-4-alpha (7C19) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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

Immunogen

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.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	53kDa

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

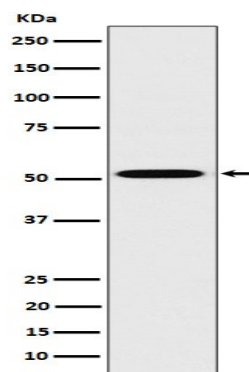


Background

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

Image Data



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

Note

For research use only.