

**Product Name: HNF-4-alpha Rabbit Monoclonal Antibody****Catalog #: AMRe86615**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:500,ICC/IF 1:100-1:200,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW:53 kDa; Observed MW:53 kDa

**Antigen Information**

<b>Gene Name</b>	HNF-4-alpha
<b>Alternative Names</b>	TCF; HNF4; MODY; FRTS4; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha
<b>Gene ID</b>	3172
<b>SwissProt ID</b>	P41235
<b>Immunogen</b>	A synthetic peptide of human HNF-4-alpha

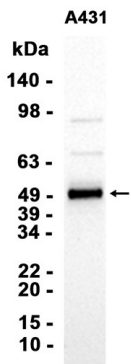
**Background**

The protein encoded by this gene 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. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants encoding several different isoforms. [provided by RefSeq, Apr 2012]

## Research Area

## Image Data



Western blot analysis of extracts from A431 cells using HNF-4-alpha Rabbit Monoclonal Antibody at 1:1000.