

# HNF-4-alpha Rabbit mAb

Catalog No.: A20865

Recombinant

6 Publications

## Basic Information

### Observed MW

53kDa

### Calculated MW

53kDa

### Category

Primary antibody

### Applications

WB, IHC-P, ELISA, ChIP

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2794

## Background

The protein encoded by this gene is a transcription factor involved in the development of the pancreas, liver, kidney, and intestines. The encoded protein also functions to maintain glucose homeostasis. Several transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:1000 - 1:6000

**IHC-P** 1:200 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**ChIP** 5µg antibody for 10µg-15µg of Chromatin

## Immunogen Information

### Gene ID

15378

### Swiss Prot

P49698

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

Hnf4; HNF-4; MODY1; Nr2a1; Tcf14; TCF-14; Hnf4alpha; HNF-4-alpha

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

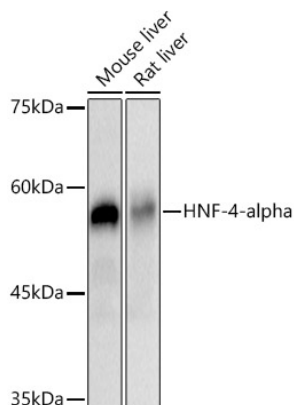
Affinity purification

### Storage

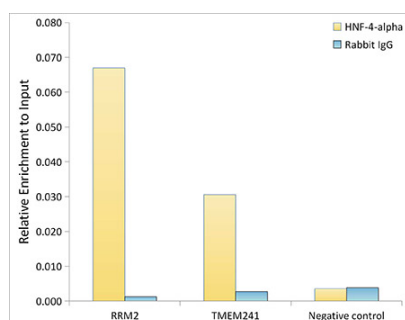
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

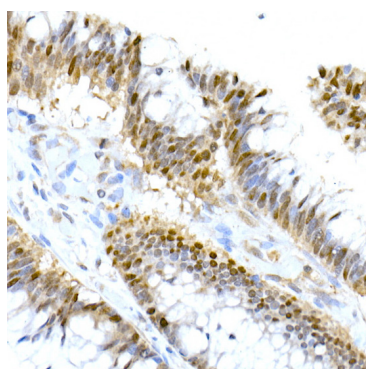
## Validation Data



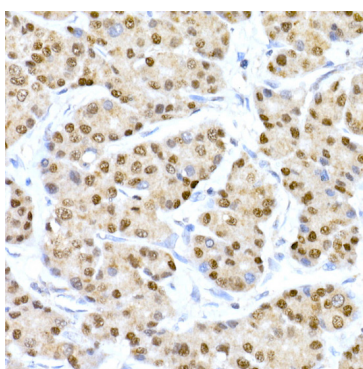
Western blot analysis of various lysates using HNF-4-alpha Rabbit mAb (A20865) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



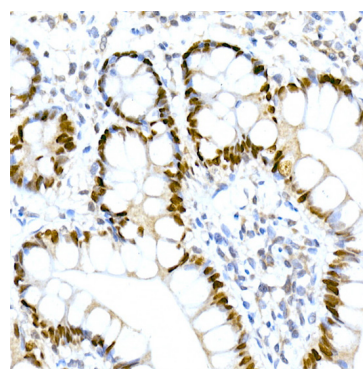
Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using HNF-4-alpha antibody (A20865) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using HNF-4-alpha Rabbit mAb (A20865) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using HNF-4-alpha Rabbit mAb (A20865) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human small intestine using HNF-4-alpha Rabbit mAb (A20865) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.