

HNF-4-alpha Rabbit mAb

Catalog No.: A20865 **Recombinant** **5 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 fusion protein containing a sequence corresponding to amino acids 1-200 of mouse Recombinant protein of Mouse HNF-4-alpha (P49698).

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

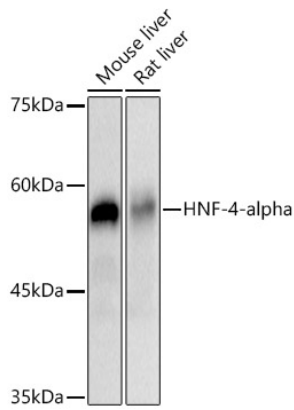
Affinity purification

Storage

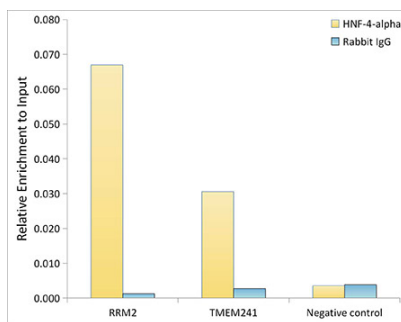
Store at -20°C. Avoid freeze / thaw cycles.

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

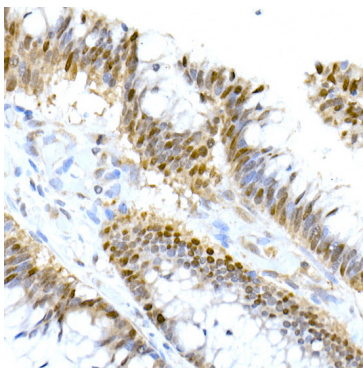
Validation Data



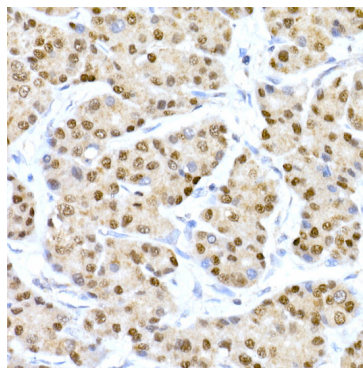
Western blot analysis of various lysates using HNF-4-alpha Rabbit mAb (A20865) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).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



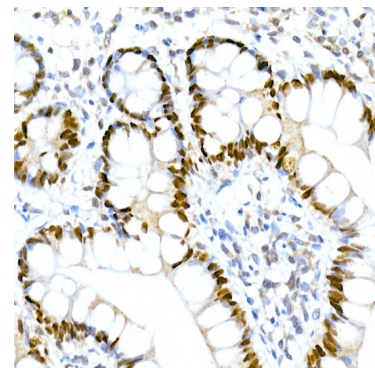
Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using HNF-4-alpha antibody (A20865) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using HNF-4-alpha Rabbit mAb (A20865) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (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 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (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 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.