

HNF1 α Rabbit mAb

Catalog No.: A22139 **Recombinant**

Basic Information

Observed MW

81kDa

Calculated MW

67kDa

Category

Primary antibody

Applications

ELISA,IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC55848

Background

The protein encoded by this gene is a transcription factor required for the expression of several liver-specific genes. The encoded protein functions as a homodimer and binds to the inverted palindrome 5'-GTAAATNATTAAC-3'. Defects in this gene are a cause of maturity onset diabetes of the young type 3 (MODY3) and also can result in the appearance of hepatic adenomas. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

6927

Swiss Prot

P20823

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 31-128 of human HNF1 α (NP_000536.6).

Synonyms

HNF1; LFB1; TCF1; HNF4A; MODY3; TCF-1; HNF-1A; IDDM20; HNF1alpha; HNF-1-alpha; HNF1 α

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

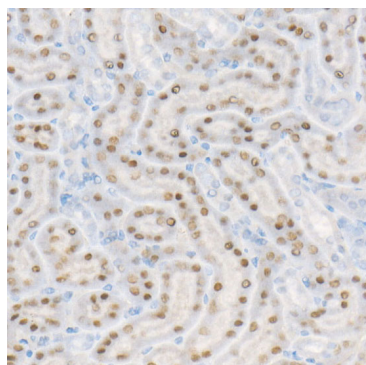
Affinity purification

Storage

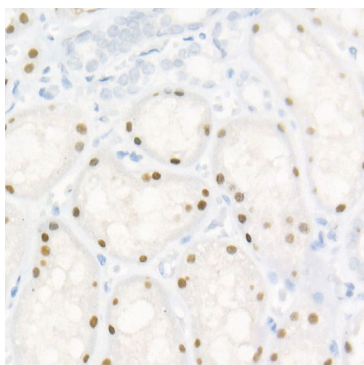
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

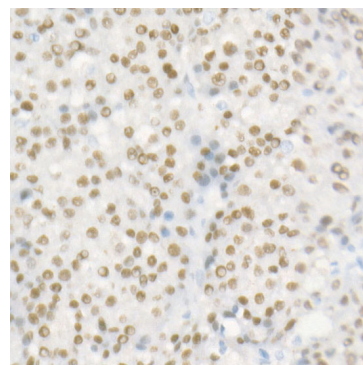
Validation Data



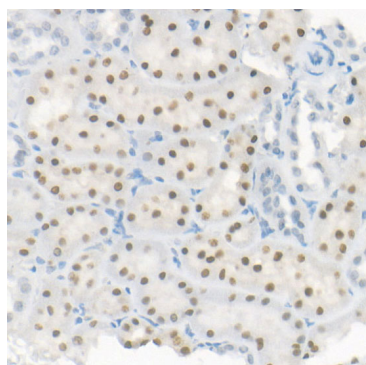
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using HNF1 α Rabbit mAb (A22139) at dilution of 1:100(40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human kidney using HNF1 α Rabbit mAb (A22139) at dilution of 1:100(40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using HNF1 α Rabbit mAb (A22139) at dilution of 1:100(40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using HNF1 α Rabbit mAb (A22139) at dilution of 1:100(40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.