

HNF3 β /FOXA2 Rabbit mAb

Catalog No.: A19053 **Recombinant** **2 Publications**

Basic Information

Observed MW

52kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, IP

Cross-Reactivity

Human, Rat

CloneNo number

ARC0391

Background

This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

IP 0.5 μ g-4 μ g antibody for
200 μ g-400 μ g extracts of
whole cells

Immunogen Information

Gene ID

3170

Swiss Prot

Q9Y261

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HNF3 β /FOXA2 (Q9Y261).

Synonyms

HNF3B; TCF3B; HNF-3-beta; HNF3 β /FOXA2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

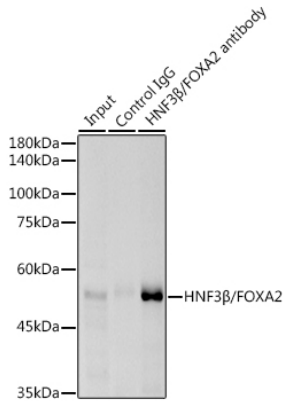
Affinity purification

Storage

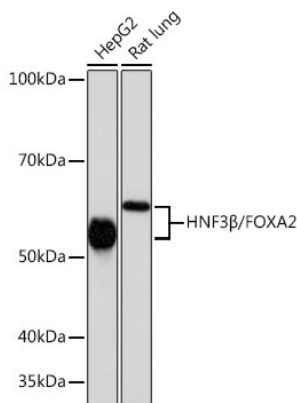
Store at -20°C. Avoid freeze / thaw cycles.

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

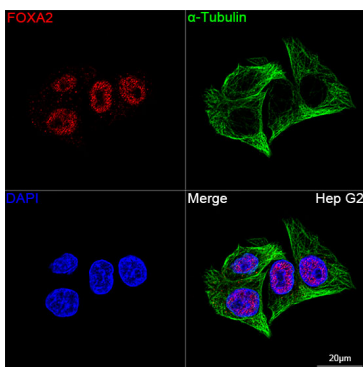
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HepG2 cells using 3 µg HNF3β/FOXA2 antibody (A19053). Western blot was performed from the immunoprecipitate using HNF3β/FOXA2 antibody (A19053) at a dilution of 1:1000.



Western blot analysis of various lysates using HNF3β/FOXA2 Rabbit mAb (A19053) at 1:1000 dilution. Secondary antibody: HRP 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: 3min.



Confocal imaging of Hep G2 cells using HNF3β/FOXA2 Rabbit mAb (A19053, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.