

# HNF3 $\beta$ /FOXA2 Rabbit mAb

Catalog No.: A19053

Recombinant

6 Publications

## Basic Information

### Observed MW

55kDa

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,IP,ELISA

### Cross-Reactivity

Human

### 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** 1:1000 - 1:2000

**IF/ICC** 1:100 - 1:800

**IP** 0.5 $\mu$ g-4 $\mu$ g antibody for 200 $\mu$ g-400 $\mu$ g extracts of whole cells

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3170

### Swiss Prot

Q9Y261

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

HNF3B; TCF3B; HNF-3-beta; HNF3 $\beta$ /FOXA2

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

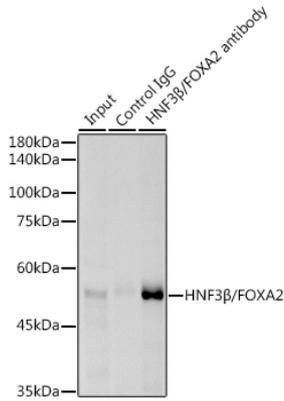
Affinity purification

### Storage

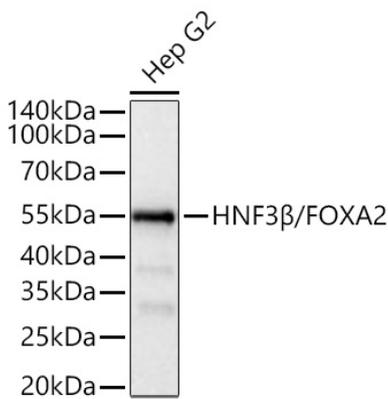
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

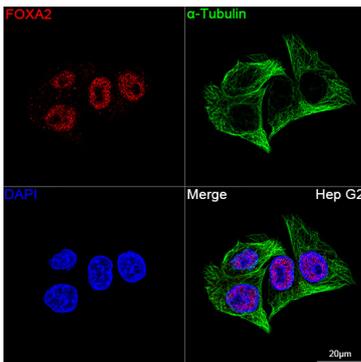
## Validation Data



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 lysates from Hep G2 cells using HNF3β/FOXA2 Rabbit mAb (A19053) at 1:1000 dilution incubated at room temperature for 1.5 hours.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45s.



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.