

A24015

Leader in Biomolecular Solutions for Life Science



## FXR/NR1H4 Rabbit mAb

Catalog No.: A24015

Recombinant

6 Publications

### Basic Information

#### Observed MW

57kDa

#### Calculated MW

48kDa,54kDa,55kDa,56kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,IHC-P,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

#### CloneNo number

ARC62920

### Background

This gene encodes a ligand-activated transcription factor that shares structural features in common with nuclear hormone receptor family members. This protein functions as a receptor for bile acids, and when bound to bile acids, binds to DNA and regulates the expression of genes involved in bile acid synthesis and transport. Alternatively spliced transcript variants encoding different isoforms have been described.

### Recommended Dilutions

**WB** 1:1000 - 1:2000

**IHC-P** 1:200 - 1:800

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

### Immunogen Information

#### Gene ID

9971

#### Swiss Prot

Q96RI1

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human FXR/NR1H4 (NP\_001193922.1).

#### Synonyms

BAR; FXR; HRR1; HRR-1; PFIC5; RIP14; FXR/NR1H4

### Contact

 [www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

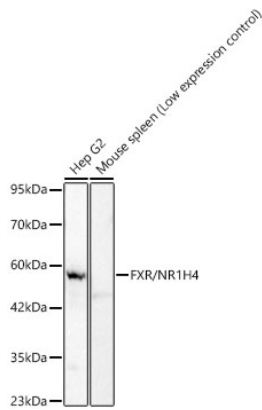
Affinity purification

#### Storage

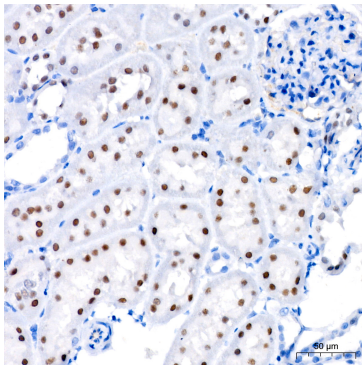
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide,0.05% BSA,50% glycerol,pH7.3.

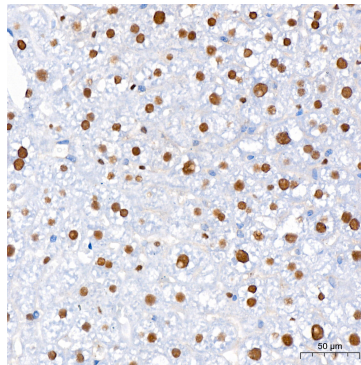
## Validation Data



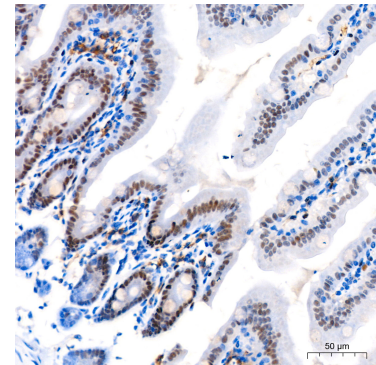
Western blot analysis of various lysates using FXR/NR1H4 Rabbit mAb (A24015) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using FXR/NR1H4 Rabbit mAb (A24015) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using FXR/NR1H4 Rabbit mAb (A24015) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse colon using FXR/NR1H4 Rabbit mAb (A24015) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.