# FXR/NR1H4 Rabbit mAb

Catalog No.: A24015 Recombinant 10 Publications



# **Basic Information**

### **Observed MW**

56 kDa

### **Calculated MW**

48 kDa/54/kDa/55 kDa/56 kDa

# Category

Primary 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** 1:500 - 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 protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

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

# **Contact**

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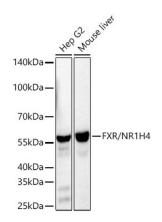
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity 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.



Western blot analysis of various lysates using FXR/NR1H4 Rabbit mAb (A24015) at 1:1000 dilution incubated at room temperature for 1.5 hours.

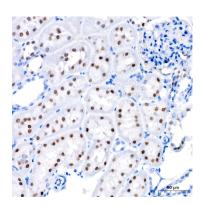
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

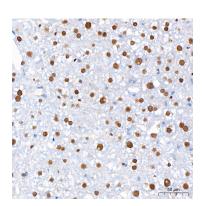
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

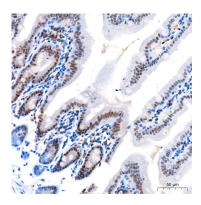
Exposure time: 90 s.



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



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



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