

NR1H4 Rabbit pAb

CatalogNo: YN2161 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 53kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein. AA range:160-260

Specificity NR1H4 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name NR1H4 BAR FXR HRR1 RIP14

Protein Name Bile acid receptor (Farnesoid X-activated receptor) (Farnesol receptor HRR-1) (Nuclear receptor subfamily 1 group H member 4) (Retinoid X receptor-interacting protein 14) (RXR-interacting protein 14)

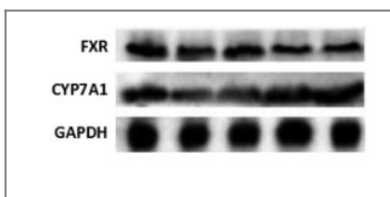
Organism	Gene ID	UniProt ID
Human	9971 ;	Q96RI1 ;
Mouse		Q60641 ;
Rat		Q62735 ;

Cellular Localization Nucleus .; [Isoform 1]: Nucleus .; [Isoform 2]: Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .

Tissue specificity Liver and hepatocyte-related cells express mainly FXRalpha1-type isoforms with isoform 3 and isoform 4 in approximately equal proportions. In intestine and kidney mainly FXRalpha2-type isoforms are expressed with isoform 1 and isoform 2 in approximately equal proportions. Expressed in pancreatic beta cells and macrophages.

Function Function:Receptor for bile acids such as chenodeoxycholic acid, lithocholic acid and deoxycholic acid. Represses the transcription of the cholesterol 7-alpha-hydroxylase gene (CYP7A1) and activates the intestinal bile acid-binding protein (IBABP). Activates the transcription of bile salt export pump ABCB11 by directly recruiting histone methyltransferase CARM1 within its gene locus.,online information:Farnesoid X receptor entry,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR1 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Heterodimer of NR1H4 and RXR. Interacts with CARM1 and SMARD1.,

Validation Data



Huang, Jianbo, et al. "Effects of mulberry leaf on experimental hyperlipidemia rats induced by high-fat diet." *Experimental and therapeutic medicine* 16.2 (2018): 547-556.

Contact information

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