





NR1H4 Monoclonal Antibody

(Nuclear receptor subfamily 1 group H member 4) (Retinoid X receptor-iprotein 14) (RXR-interacting protein 14) Immunogen Synthesized peptide derived from part region of human protein NR1H4 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 53kD Cell Pathway Nucleus :; [Isoform 1]: Nucleus :; [Isoform 2]: Nucleus :; [Isoform 3]: Nucleus :: [Isoform 4]: Nucleus :: [Isoform		
Reactivity Human;Mouse;Rat Applications WB Gene Name NR1H4 BAR FXR HRR1 RIP14 Protein Name Bile acid receptor (Farnesoid X-activated receptor) (Farnesol receptor H (Nuclear receptor subfamily 1 group H member 4) (Retinoid X receptor-iprotein 14) (RXR-interacting protein 14) Immunogen Synthesized peptide derived from part region of human protein Specificity NR1H4 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 53kD Cell Pathway Nucleus : [Isoform 1]: Nucleus .; [Isoform 2]: Nucleus .; [Isoform 3]: Nucleus .; Isoform 4]: Nucleus . Tissue Specificity Liver and hepatocyte-related cells express mainly FXRalpha1-type isofo isoform 3 and isoform 4 in approximately equal proportions. In intestine kidney mainly FXRalpha2-type isofors are expressed with isoform 1 ar 2 in approximately equal proportions. Expressed in pancreatic beta cells macrophages. Function function: Receptor for bile acids such as chenodeoxycholic acid, lithocho and deoxycholic acid. Represses the transcription of the cholesterol receptor family. Smillarity: Belongate hormone receptor famili, similarity: Belongate hormone receptor famili, similarity: Belongate hormone receptor famili receptor entry, similarity: Belongate hormone receptor famili	atalog No	YP-mAb-07023
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subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Heterodimer of NR1H4 and RXR. Interacts with CARM ² SMARD1.,		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



UpingBio technology Co.,Ltd



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. [provided by RefSeq, Feb 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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