

For Research Use Only

NR1H4 Recombinant antibody

Catalog Number: 81820-2-RR



Basic Information

Catalog Number: 81820-2-RR	GenBank Accession Number: BC130573	Purification Method: Protein A purification
Size: 100ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 9971	CloneNo.: 4B4
Source: Rabbit	Full Name: nuclear receptor subfamily 1, group H, member 4	Recommended Dilutions:
Isotype: IgG	Calculated MW: 486 aa, 56 kDa	
Immunogen Catalog Number: AG21948	Observed MW: 48 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MKN-45 cells, HepG2 cells, HEK-293 cells
Species Specificity: Human	

Background Information

Nuclear Receptor subfamily 1, group H, member 4 (NR1H4, also known as FXR) is a receptor for bile acids and has an important role in regulating energy metabolism in liver, muscle and adipose tissues in humans and animals. NR1H4 is highly expressed in liver and has a role in lipid metabolism, whereas none of the other protein-coding genes in the region has known biological links with cholesterol, further supporting a role for NR1H4 in regulation of cholesterol levels. NR1H4 have four isoforms, i.e., FXRalpha1, FXRalpha2, FXRbeta1, and FXRbeta2, and each isoform has a different expression level and transcriptional activity depending on its location within specific tissues. (PMID: 14733360, PMID: 30787420)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

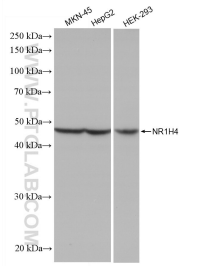
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81820-2-RR (NR1H4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.