

For Research Use Only

NR1H2 Polyclonal antibody

Catalog Number: 14278-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

14278-1-AP

Size:

150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5635

GenBank Accession Number:

BC047750

GeneID (NCBI):

7376

UNIPROT ID:

P55055

Full Name:

nuclear receptor subfamily 1, group H, member 2

Calculated MW:

51 kDa

Observed MW:

50 kDa, 40 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Background Information

NR1H2, also known as LXRB, is a liver X receptors, which form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. It preferentially bind to double-stranded oligonucleotide direct repeats, which have the consensus half-site sequence 5'-AGGTC A-3' and 4-nt spacing (DR-4). It involves in the regulation of cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8.

Notable Publications

Author	Pubmed ID	Journal	Application
Tain-Junn Cheng	27622732	Chem Biol Interact	WB
Xingzhe Ma	24947959	Int J Cancer	WB
Qixue Wang	27250582	Sci Rep	WB

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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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data