

For Research Use Only

HNF4A Recombinant antibody

Catalog Number: 84316-3-RR



Basic Information

Catalog Number:

84316-3-RR

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24647

GenBank Accession Number:

BC137539

GeneID (NCBI):

3172

UNIPROT ID:

P41235

Full Name:

hepatocyte nuclear factor 4, alpha

Calculated MW:

53 kDa

Observed MW:

56 kDa

Purification Method:

Protein A purification

CloneNo.:

241593C4

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells,

Background Information

HNF4A (Hepatocyte nuclear factor 4 α) is highly conserved between humans and mice. Using conditional knockouts, epithelial HNF4A is indispensable for protecting against acute chemical-induced colitis and spontaneous colonic inflammation in aged animals (PMID:35792863). Moreover, reduced expression of HNF4A has been reported in liver fibrosis and viral vector-mediated HNF4A restoration has previously been demonstrated to reverse features of chronic liver injury. Therefore, HNF4A has been suggested as a therapeutic target for treating liver fibrosis (PMID:34453962).

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

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

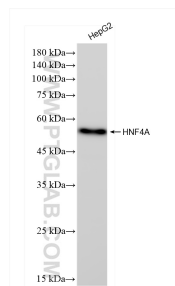
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 84316-3-RR (HNF4A antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.