

For Research Use Only

HNF4A Recombinant antibody

Catalog Number: 84316-3-RR



Basic Information

Catalog Number: 84316-3-RR	GenBank Accession Number: BC137539	Purification Method: Protein A purification
Size: 100ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 3172	CloneNo.: 241593C4
Source: Rabbit	UNIPROT ID: P41235	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: hepatocyte nuclear factor 4, alpha	
Immunogen Catalog Number: AG24647	Calculated MW: 53 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells,
Species Specificity: human	

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

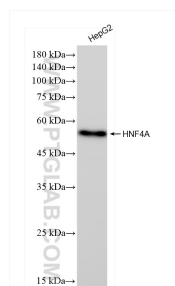
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

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.