

For Research Use Only

HNF4A Recombinant antibody, PBS Only (Detector)

Catalog Number: 84316-3-PBS



Basic Information

Catalog Number: 84316-3-PBS	GenBank Accession Number: BC137539	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 3172	CloneNo.: 241593C4
Source: Rabbit	UNIPROT ID: P41235	
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, Cytometric bead array, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

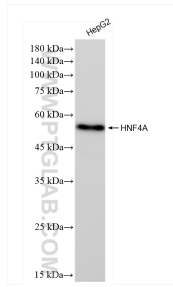
T: 4006900926

E: Proteintech-CN@ptglab.com

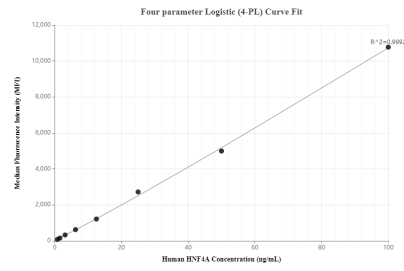
W: ptgcn.com

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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. This data was developed using the same antibody clone with 84316-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01183-3, HNF4A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84316-2-PBS. Detection antibody: 84316-3-PBS. Standard: Ag24647. Range: 0.781-100 ng/mL