

For Research Use Only

HNF4A Polyclonal antibody

Catalog Number: 26245-1-AP **1 Publications**



Basic Information

Catalog Number: 26245-1-AP	GenBank Accession Number: BC137539	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 3172	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	UNIPROT ID: P41235	
Isotype: IgG	Full Name: hepatocyte nuclear factor 4, alpha	
Immunogen Catalog Number: AG24637	Calculated MW: 53 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: 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 the treatment of liver fibrosis (PMID:34453962).

Notable Publications

Author	Pubmed ID	Journal	Application
Qiqiang Zhang	33228635	BMC Complement Med Ther	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

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

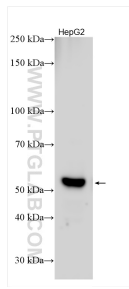
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26245-1-AP (HNF4A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.