

For Research Use Only

HNF4A Polyclonal antibody, PBS Only

Catalog Number: 26245-1-PBS



Basic Information

Catalog Number: 26245-1-PBS	GenBank Accession Number: BC137539	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 3172	
Isotype: IgG	UNIPROT ID: P41235	
Immunogen Catalog Number: AG24637	Full Name: hepatocyte nuclear factor 4, alpha	
	Calculated MW: 53 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, IHC, 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 the treatment of 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, pH7.3

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

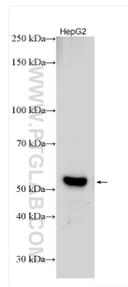
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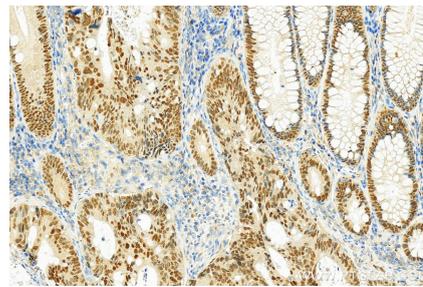
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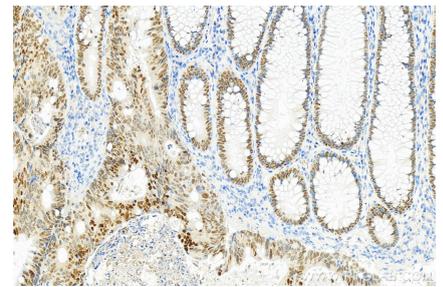
Selected Validation Data



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. This data was developed using the same antibody clone with 26245-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded colon cancer slide using 26245-1-AP (HNF4A antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26245-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded colon cancer slide using 26245-1-AP (HNF4A antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26245-1-PBS in a different storage buffer formulation.