

For Research Use Only

HNF4G Polyclonal antibody

Catalog Number: 25801-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

25801-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22848

GenBank Accession Number:

BC105009

GeneID (NCBI):

3174

UNIPROT ID:

Q14541

Full Name:

hepatocyte nuclear factor 4, gamma

Calculated MW:

445 aa, 46 kDa

Observed MW:

46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

FC, WB, ELISA

Cited Applications:

WB, IHC, chIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse pancreas tissue, mouse kidney tissue

Background Information

HNF4 (hepatocyte nuclear factor 4) is a nuclear receptor protein that has a critical role in hepatocyte differentiation and function (PMID: 12774000). Two isoforms of human HNF4 exist, HNF4-alpha and HNF4-gamma, which are encoded by two separate genes HNF4A and HNF4G respectively (PMID: 7926813). HNF4-gamma has a lower transcription activation potential than HNF4-alpha. HNF4-gamma is expressed in kidney, gut, pancreas, and testis (PMID: 16945327). It has been reported to be involved in cancer progression (PMID: 23896584). This polyclonal antibody is raised against C-terminal 82 amino acids of human HNF4-gamma.

Notable Publications

Author	Pubmed ID	Journal	Application
Shipra Shukla	29153843	Cancer Cell	chIP
Chengcheng Wang	32737864	Protein Cell	WB,IHC
Yahui Huang	32613480	Clin Exp Metastasis	chIP

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:

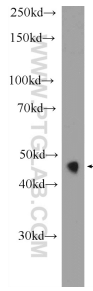
T: 4006900926

E: Proteintech-CN@ptglab.com

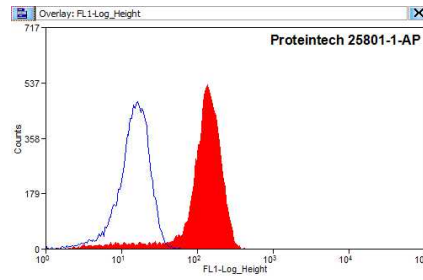
W: ptgcn.com

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Selected Validation Data



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 25801-1-AP (HNF4G Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



1X10⁶ HEK-293 cells were stained with 0.2ug HNF4G antibody (25801-1-AP, red) and control antibody (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100. Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.