

For Research Use Only

HDGFRP3 Polyclonal antibody

Catalog Number: 12380-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 12380-1-AP	GenBank Accession Number: BC015483	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 50810	Recommended Dilutions: WB 1:2000-1:16000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: hepatoma-derived growth factor, related protein 3	IHC 1:20-1:200 IF 1:20-1:200
Isotype: IgG	Calculated MW: 203 aa, 23 kDa	
Immunogen Catalog Number: AG3046	Observed MW: 30 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IP : mouse testis tissue, IHC : human prostate cancer tissue, IF : MCF-7 cells,
Cited Applications: ChIP, IF, IHC, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

HDGFRP3, also named as Hepatoma-derived growth factor-related protein 3 or HDGF2, is a 203 amino acid protein, which contains 1 PWWP domain and belongs to the HDGF family. HDGFRP3 detected in testis, heart, spinal cord and brain. HDGFRP3 as a nuclear protein enhances DNA synthesis and may play a role in cell proliferation. HDGFRP3 is a 30 kDa protein for phosphor modification.

Notable Publications

Author	Pubmed ID	Journal	Application
Hong Shik Yun	34714604	Cancer Sci	WB,IHC,IF,ChIP
Hong Shik Yun	24857986	Biochem Biophys Res Commun	WB
Jinteng Feng	36119068	Front Immunol	IHC

Storage

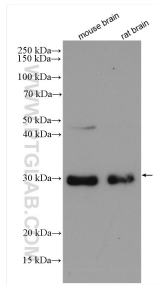
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

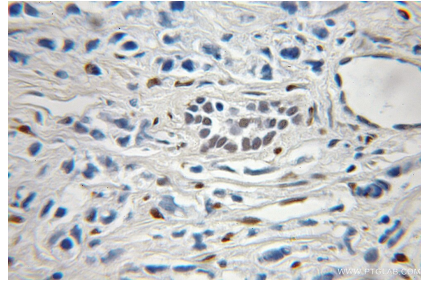
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

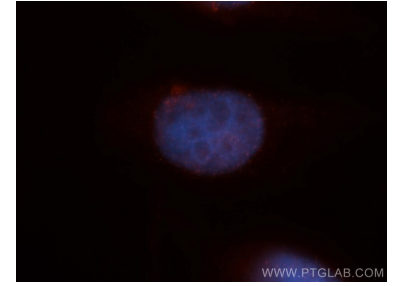
Selected Validation Data



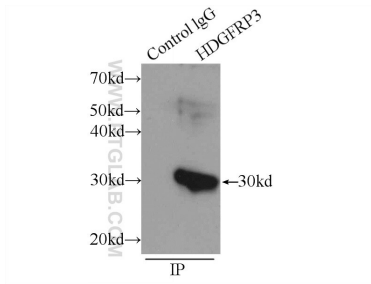
Various lysates were subjected to SDS PAGE followed by western blot with 12380-1-AP (HDGFRP3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 12380-1-AP (HDGFRP3 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of MCF-7 cells, using HDGFRP3 antibody 12380-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-HDGFRP3 (IP:12380-1-AP, 3ug; Detection:12380-1-AP 1:300) with mouse testis tissue lysate 4800ug.