

For Research Use Only

HDGFRP3 Polyclonal antibody

Catalog Number: 12380-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

12380-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3046

GenBank Accession Number:

BC015483

GeneID (NCBI):

50810

UNIPROT ID:

Q9Y3E1

Full Name:

hepatoma-derived growth factor,
related protein 3

Calculated MW:

203 aa, 23 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total
protein lysate

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, ChIP

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**

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse testis tissue,

IHC : human prostate cancer tissue,

IF/ICC : MCF-7 cells,

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

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

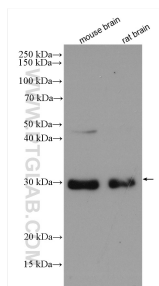
T: 4006900926

E: Proteintech-CN@ptglab.com

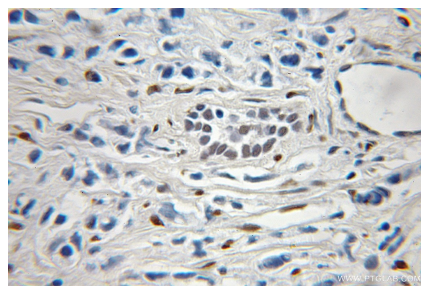
W: ptgcn.com

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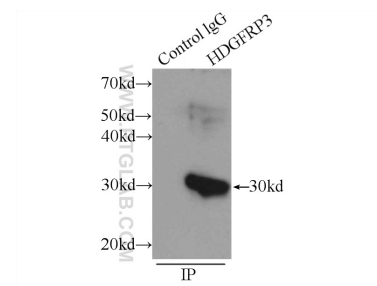
Selected Validation Data



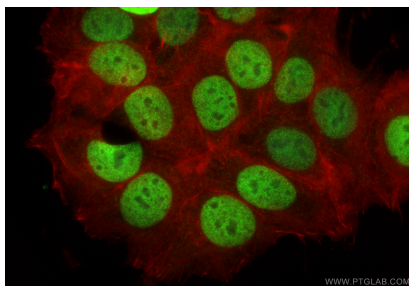
Various lysates were subjected to SDS PAGE followed by western blot with 12380-1-AP (HDGFRP3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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



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



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using HDGFRP3 antibody (12380-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).