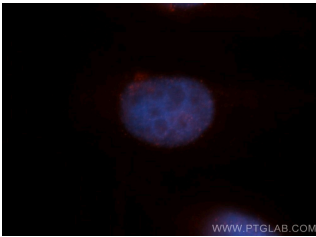
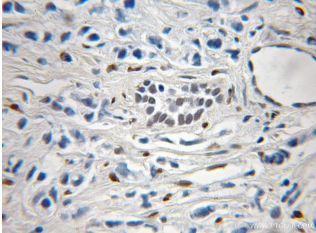


HDGFRP3 Polyclonal Antibody

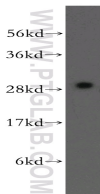
Catalog number: 12380-1-AP
Size: 36 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
HDGFRP3; CGI 142, HDGF 2,
HDGF2, HDGFRP3, HRP 3, HRP-
3



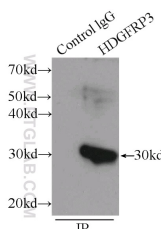
Immunofluorescent analysis of MCF-7 cells, using HDGFRP3 antibody 12380-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



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



human brain tissue were subjected to SDS PAGE followed by western blot with 12380-1-AP(HDGFRP3 antibody) at dilution of 1:500



Background

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.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated HDGFRP3 MW:	203aa, 23 kDa
Observed HDGFRP3 MW:	30 kDa
Positive WB detected in	Human brain tissue, Y79 cells
Positive IP detected in	Mouse testis tissue
Positive IHC detected in	Human prostate cancer tissue
Positive IF detected in	MCF-7 cells
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:1000
	IHC: 1:20-1:200
	IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3046
GenBank accession number:	BC015483
Gene ID (NCBI):	50810
Full name:	Hepatoma-derived growth factor, related protein 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**IP Result of anti-HDGFR3
(IP:12380-1-AP, 3ug;
Detection:12380-1-AP 1:300)
with mouse testis tissue lysate
4800ug.**