

For Research Use Only

HNRNPUL1 Polyclonal antibody

Catalog Number: 10578-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

10578-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0899

GenBank Accession Number:

BC002564

GeneID (NCBI):

11100

UNIPROT ID:

Q9BUJ2

Full Name:

heterogeneous nuclear
ribonucleoprotein U-like 1

Calculated MW:

120 kDa

Observed MW:

90-115 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:20-1:200

IF 1:50-1:500

Applications

Tested Applications:

FC, IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IP, IF, IHC, CoIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: A549 cells, MCF-7 cells, HEK-293 cells, mouse
brain tissue, HeLa cells

IP: HeLa cells,

IHC: human ovary tumor tissue,

IF: HepG2 cells,

**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

HNRNPUL1, also named as E1BAP5, HNRNPUL1 and E1B-AP5, acts as a basic transcriptional regulator. It represses basic transcription driven by several virus and cellular promoters. HNRNPUL1 plays also a role in mRNA processing and transport. It is a cellular protein that interacts with the adenovirus protein E1B-55 and implicated in mRNA export. HNRNPUL1 is an hnRNP-like protein that likely mediates the interaction of NXF1 with mRNAs.(PMID:17267598). It may modulate PAN expression in complex with KSHV ORF57(PMID:22043172). HNRNPUL1 specifically bound to the Rae1-Nup98 complex independently of M protein, and this interaction was found to be RNA dependent, as it was greatly diminished in the presence of RNase.(PMID:19745842) HNRNPUL1 has 5 isoforms with calculated MW 84-95kd and 42kd(isoform 5). This antibody can recognize isoform 1-4.

Notable Publications

Author	Pubmed ID	Journal	Application
Shui-Qiao Q Yuan	36124536	Asian J Androl	WB,IF
Juan Li	34688610	Exp Cell Res	IHC
Maria J Massimelli	22043172	Int J Biol Sci	WB

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:

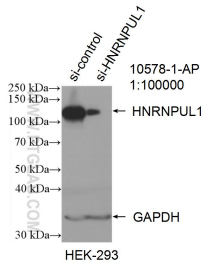
T: 4006900926

E: Proteintech-CN@ptglab.com

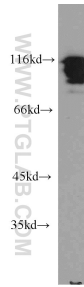
W: ptgcn.com

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

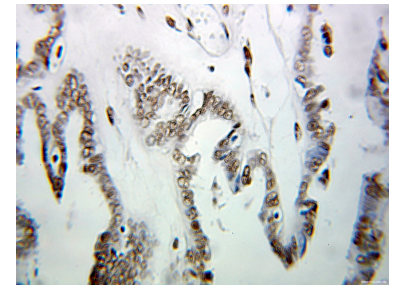
Selected Validation Data



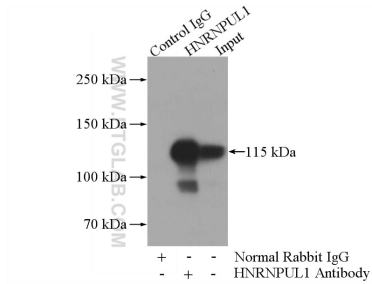
WB result of HNRNPUL1 antibody (10578-1-AP; 1:100000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPUL1 transfected HEK-293 cells.



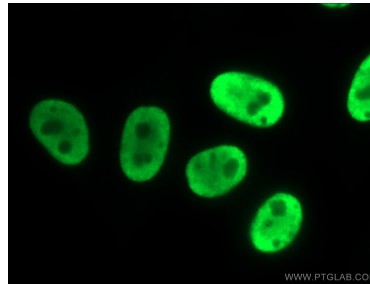
A549 cells were subjected to SDS PAGE followed by western blot with 10578-1-AP (HNRNPUL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



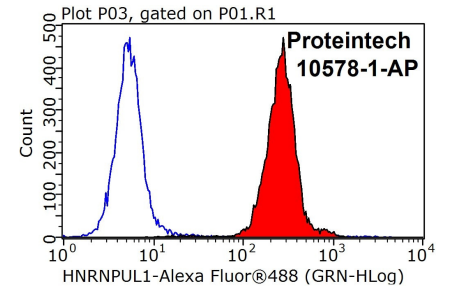
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10578-1-AP (HNRNPUL1 antibody) at dilution of 1:100 (under 25x lens).



IP result of anti-HNRNPUL1 (IP:10578-1-AP, 5ug; Detection:10578-1-AP 1:2000) with HeLa cells lysate 2000ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10578-1-AP (HNRNPUL1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HepG2 cells were stained with 0.2ug HNRNPUL1 antibody (10578-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.