

For Research Use Only

HNRNPUL1 Polyclonal antibody

Catalog Number:10578-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

10578-1-AP

Size:

150ul , Concentration: 750 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

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 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, CoIP, RIP

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/ICC : 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

*** 20ul sizes contain 0.1% BSA

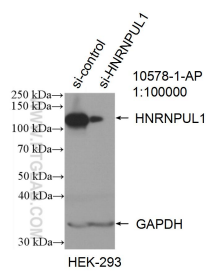
For technical support and original validation data for this product please contact:

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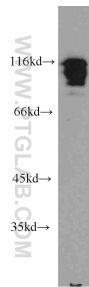
E: proteintech@ptglab.com
W: ptglab.com

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

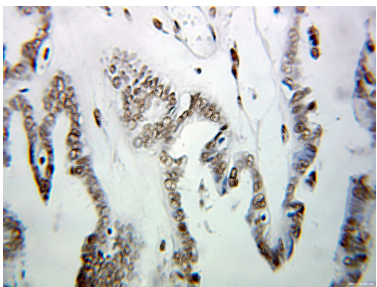
Selected Validation Data



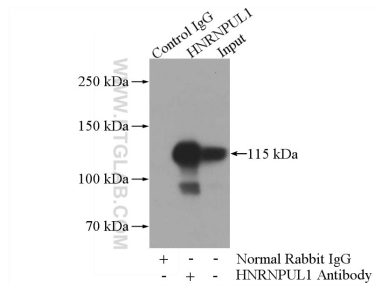
WB result of HNRNPUL1 antibody (10578-1-AP; 1:100000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPUL1 transfected HEK-293 cells.



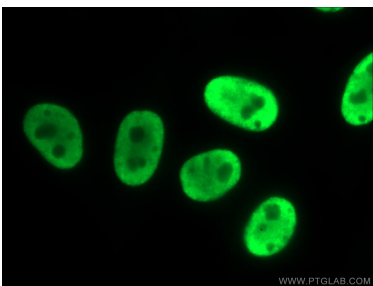
A549 cells were subjected to SDS PAGE followed by western blot with 10578-1-AP (HNRNPUL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



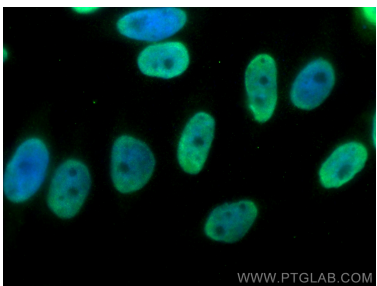
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10578-1-AP (HNRNPUL1 antibody) at dilution of 1:100 (under 25x lens).



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 Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNPUL1 antibody (10578-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).