

## HNRNPUL1 Polyclonal Antibody

Catalog number: 10578-1-AP

Size: 55 µg/150 µl

Source: Rabbit

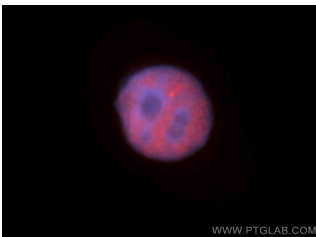
Isotype: IgG

Synonyms:

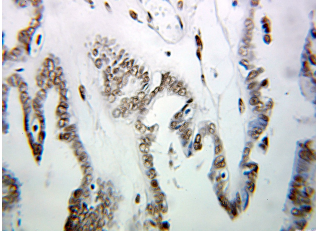
HNRNPUL1; E1B AP5, E1BAP5,

FLJ12944, HNRNPUL1,

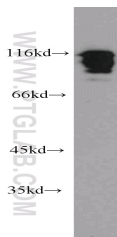
HNRNPUL1



Immunofluorescent analysis of HepG2 cells, using HNRNPUL1 antibody 10578-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



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



A549 cells were subjected to SDS PAGE followed by western blot with 10578-1-AP(HNRNPUL1 antibody) at dilution of 1:2000

### Background

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 .

### Applications

Tested applications:	ELISA, WB, IHC, IF, FC, IP
Cited applications:	IF, IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated HNRNPUL1 MW:	120 kDa
Observed HNRNPUL1 MW:	90-115 kDa
Positive WB detected in	A549 cells, HEK-293 cells, HeLa cells, MCF7 cells, mouse brain tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human ovary tumor tissue
Positive IF detected in	HepG2 cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:1000-1:10000 IHC: 1:20-1:200 IF: 1:20-1:200 FC: N/A

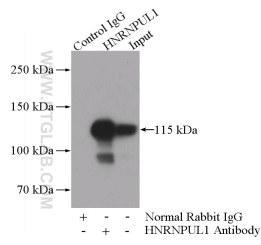
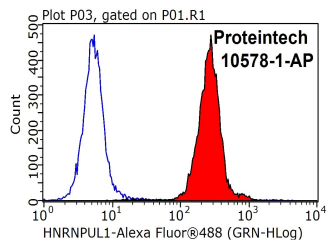
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0899
GenBank accession number:	BC002564
Gene ID (NCBI):	11100
Full name:	Heterogeneous nuclear ribonucleoprotein U-like 1

### Product information

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



**1X10<sup>6</sup> 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.**

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