

HuR Polyclonal Antibody

Catalog number: 11910-1-AP

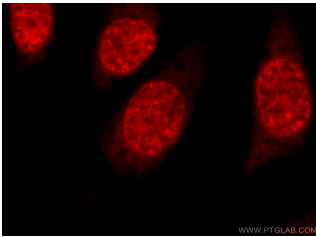
Size: 64 µg/150 µl

Source: Rabbit

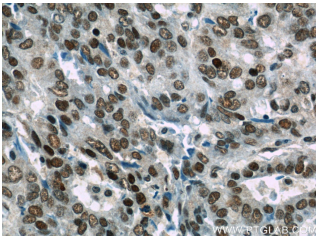
Isotype: IgG

Synonyms:

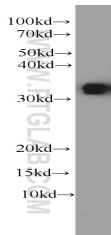
ELAVL1; ELAV like protein 1,
ELAV1, ELAVL1, Hu antigen R,
Hua, HuR, MeIG



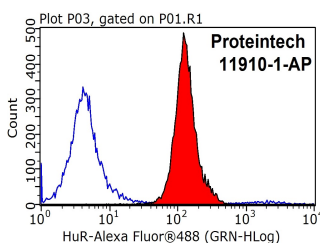
Immunofluorescent analysis of MCF-7 cells, using ELAVL1 antibody 11910-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemistry of paraffin-embedded human ovary tumor slide using 11910-1-AP (HuR Antibody) at dilution of 1:50



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11910-1-AP (HuR antibody) at dilution of 1:1000



Background

ELAVL1, also named as HUR, belongs to the RRM elav family. It is involved in 3'-UTR ARE-mediated MYC stabilization. ELAVL1 binds avidly to the AU-rich element in FOS and IL3/interleukin-3 mRNAs. In the case of the FOS AU-rich element, ELAVL1 binds to a core element of 27 nucleotides that contain AUUUA, AUUUUA and AUUUUUA motifs.

Applications

Tested applications:	ELISA, WB, IF, IHC, FC, IP
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat, Zebrafish; other species not tested.
Cited species:	Human
Calculated HuR MW:	326aa, 36 kDa
Observed HuR MW:	30-37 kDa
Positive WB detected in	HEK-293 cells, A431 cells, HeLa cells, hESC cells, HL-60 cells, Jurkat cells, K-562 cells, NIH/3T3 cells, RAW264.7 cells
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human ovary tumor tissue, human breast cancer tissue, human pancreas tissue, human skin tissue
Positive IF detected in	MCF-7 cells, Ethacrynic acid treated HepG2 cells
Positive FC detected in	MCF-7 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200 FC: N/A

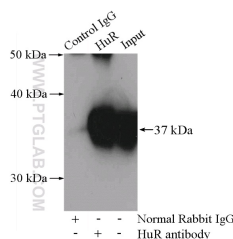
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2249
GenBank accession number:	BC003376
Gene ID (NCBI):	1994
Full name:	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R)

Product information

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



1X10⁶ MCF-7 cells were stained with 0.2ug HuR antibody (11910-1-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-HuR (IP:11910-1-AP, 4ug; Detection:11910-1-AP 1:1000) with HEK-293 cells lysate 2800ug.