

Product Name: KD-Validated HNRNPUL1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00497

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC,IHC-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 95.7kDa

Antigen Information

Gene Name	HNRNPUL1
Alternative Names	HNRNPUL1; Heterogeneous Nuclear Ribonucleoprotein U Like 1; E1B-AP5; E1BAP5;
	HNRPUL1; Heterogeneous Nuclear Ribonucleoprotein U-Like Protein 1; Adenovirus Early Region 1B-Associated Protein 5; E1B-55 KDa-Associated Protein 5; E1B 55kDa Associated Protein 5; FLJ12944
Gene ID	11100.0
SwissProt ID	Q9BUJ2
Immunogen	A synthesized peptide derived from human E1B-AP5

Background

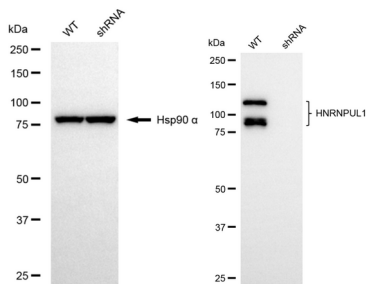
This gene encodes a nuclear RNA-binding protein of the heterogeneous nuclear ribonucleoprotein (hnRNP) family. This protein

binds specifically to adenovirus early-1B-55kDa oncoprotein. It may play an important role in nucleocytoplasmic RNA transport, and its function is modulated by early-1B-55kDa in adenovirus-infected cells. [provided by RefSeq, Mar 2016]

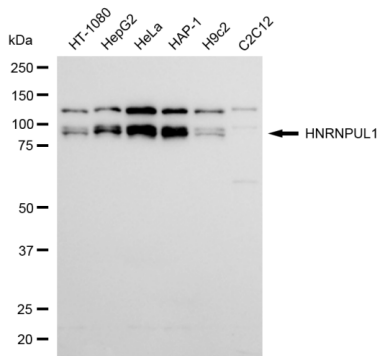
Research Area

Cell Biology

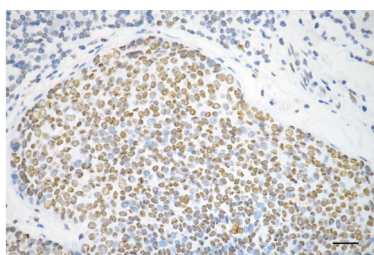
Image Data



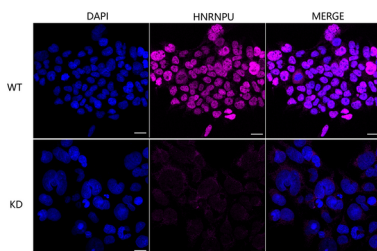
Western blotting analysis using HNRNPUL1 antibody (KVA00497). HNRNPUL1 expression in wild-type (WT) and HNRNPUL1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with HNRNPUL1 antibody (KVA00497, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



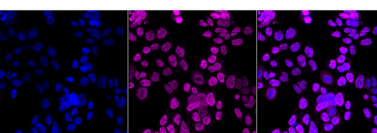
Western blotting analysis using HNRNPUL1 antibody (KVA00497). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HNRNPUL1 antibody (KVA00497, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



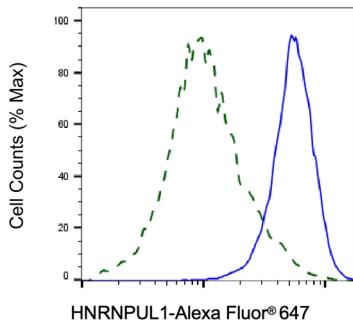
Immunohistochemistry was performed on paraffin-embedded human breast carcinoma using HNRNPUL1 antibody (KVA00497, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



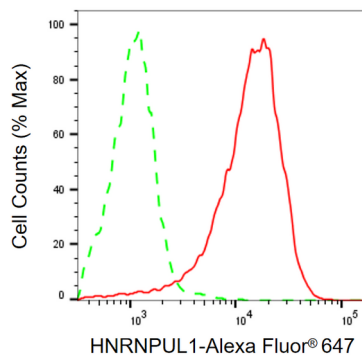
Immunocytochemical staining of HeLa cells using HNRNPUL1 antibody (KVA00497, 1:1,000). Top panel: wild-type (WT); Bottom panel: HNRNPUL1 shRNA knockdown (KD). Nuclei were stained blue with DAPI; HNRNPUL1 was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Immunocytochemical staining of HAP-1 cells with HNRNPUL1 antibody (KVA00497, 1:1,000). Nuclei were stained blue with DAPI; HNRNPUL1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Validation of HNRNPUL1 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with HNRNPUL1 antibody (KVA00497, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of HNRNPUL1 expression in HAP-1 cells using HNRNPUL1 antibody (KVA00497, 1:2,000). Green, isotype control; red, HNRNPUL1.