

# [KO Validated] HuR/ELAVL1 Rabbit mAb

Catalog No.: A19622 KO Validated Recombinant 13 Publications

### **Basic Information**

### **Observed MW**

30kDa

#### **Calculated MW**

36kDa

### Category

Primary antibody

### **Applications**

WB,IHC-P,IF/ICC,IP,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC0101

# **Background**

The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3' untranslated regions of mRNAs. AREs signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy.

## **Recommended Dilutions**

**WB** 1:1000 - 1:6000

**IHC-P** 1:200 - 1:2000

**IF/ICC** 1:100 - 1:1000

**IP** 0.5μg-4μg antibody for

200μg-400μg extracts of

whole cells

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

# Contact

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•	www.abclonal.com.cn

# **Immunogen Information**

**Gene ID**Swiss Prot
1994
Q15717

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

HUR; Hua; MelG; ELAV1; L1

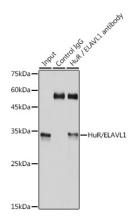
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

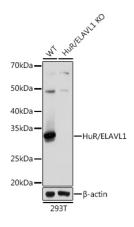
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation analysis of 300  $\mu g$  extracts of 293T cells using 3  $\mu g$  HuR/ELAVL1 antibody (A19622). Western blot was performed from the immunoprecipitate using HuR/ELAVL1 antibody (A19622) at a dilution of 1:1000.



Western blot analysis of lysates from wild type (WT) and HuR/ELAVL1 knockout (KO) 293T cells, using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at 1:1000 dilution.

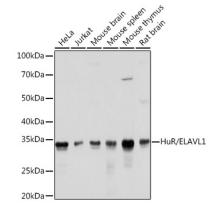
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of various lysates using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at 1:1000 dilution.

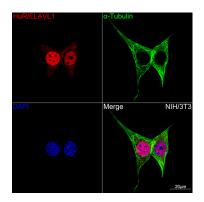
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

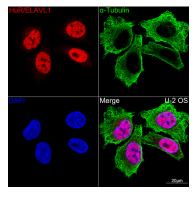
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

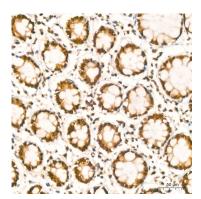
Exposure time: 1s.



Confocal imaging of NIH/3T3 cells using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622,dilution 1:100)(Red). The cells were counterstained with  $\alpha\textsc{-}$ Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



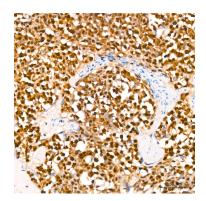
Confocal imaging of U-2 OS cells using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622,dilution 1:100)(Red). The cells were counterstained with  $\alpha\textsc{-}$ Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



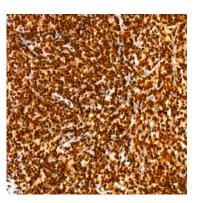
Immunohistochemistry analysis of paraffinembedded Human colon carcinoma using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human kidney using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human tonsil using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse spleen using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.