Leader in Biomolecular Solutions for Life Science

[KO Validated] HuR/ELAVL1 Rabbit mAb

Catalog No.: A19622

Recombinant | 13 Publications

www.abclonal.com

Basic Information

Observed MW
36 kDa

Calculated MW
36 kDa

Category
Monoclonal Antibodies

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

Cross Reactivity
Human, Mouse, Rat

Clone No.
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
IF/ICC	1:100 - 1:1000
IHC-P	1:200 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1994

Swiss-Prot
Q15717

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

Synonyms
HUR; Hua; MelG; ELAV1; L1

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

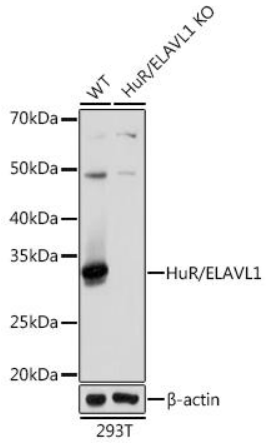
Source
Rabbit

Isotype
IgG

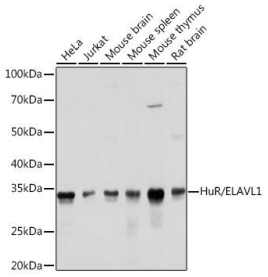
Purity
Affinity purification

Storage
Store at -20℃

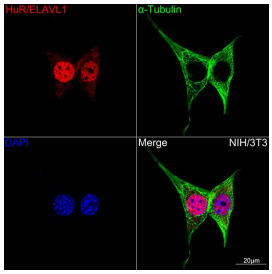
Validation Data



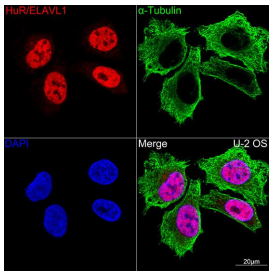
Western blot analysis of lysates from wild type (WT) and HuR/ELAVL1 knockout (KO) 293T cells, using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



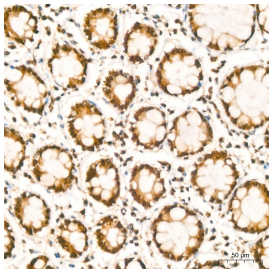
Western blot analysis of various lysates using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



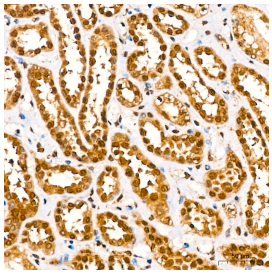
Confocal imaging of NIH/3T3 cells using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622,dilution 1:100)(Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue).
Objective: 100x.



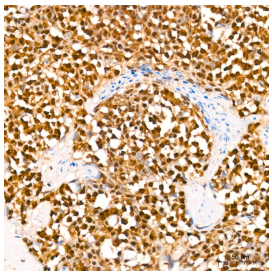
Confocal imaging of U-2 OS cells using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622,dilution 1:100)(Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue).
Objective: 100x.



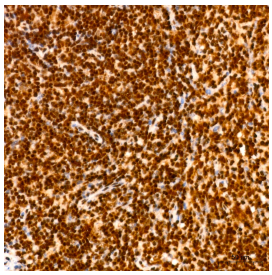
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using [KO Validated] HuR/ELAVL1 Rabbit mAb (A19622) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded 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 paraffin-embedded 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 paraffin-embedded 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.