

A1608

Leader in Biomolecular Solutions for Life Science



[KO Validated] HuR/ELAVL1 Rabbit pAb

Catalog No.: A1608 **KO** Validated

Basic Information

Observed MW

37kDa

Calculated MW

36kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

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 1:500 - 1:2000

IHC-P 1:100 - 1:200

IF/ICC 1:50 - 1:200

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

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HUR; Hua; MeIG; ELAV1; L1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

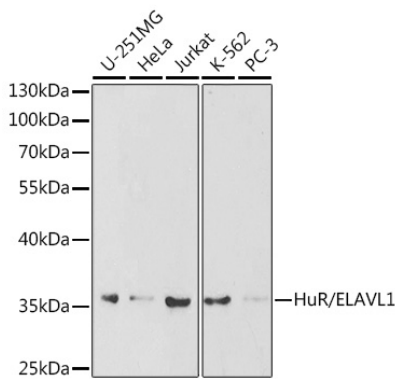
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact

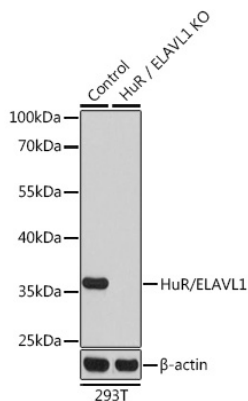


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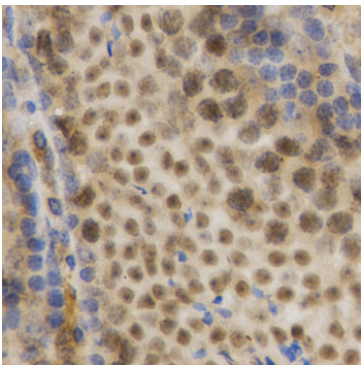
Validation Data



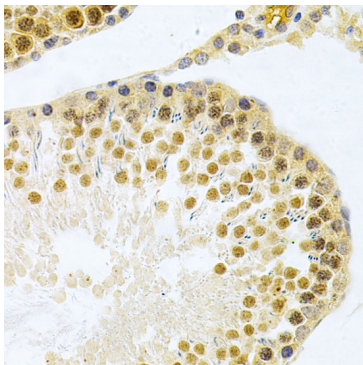
Western blot analysis of various lysates using [KO Validated] HuR/ELAVL1 Rabbit pAb (A1608) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



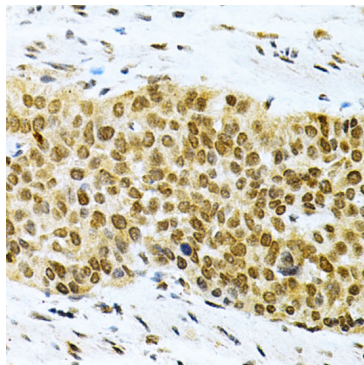
Western blot analysis of lysates from wild type (WT) and HuR/ELAVL1 knockout (KO) 293T cells, using [KO Validated] HuR/ELAVL1 Rabbit pAb (A1608) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using [KO Validated] HuR/ELAVL1 Rabbit pAb (A1608) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

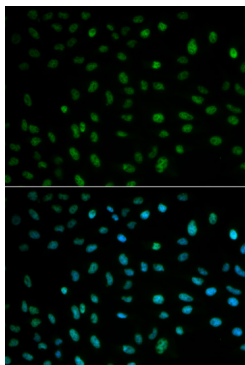


Immunohistochemistry analysis of paraffin-embedded Rat testis using [KO Validated] HuR/ELAVL1 Rabbit pAb (A1608) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using [KO Validated] HuR/ELAVL1 Rabbit pAb (A1608) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

Validation Data



Immunofluorescence analysis of MCF-7 cells using [KO Validated] HuR/ELAVL1 Rabbit pAb (A1608). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.