

(KO Validated) HuR / ELAVL1 Polyclonal Antibody

Catalog No. E-AB-65532

Note: Centrifuge before opening to ensure complete recovery of vial contents.

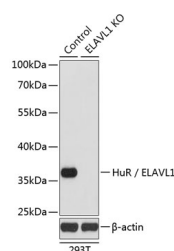
Description

Reactivity	Human, Mouse
Immunogen	A synthetic peptide of human HuR / ELAVL1 (NP_001410.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB	1:500-1:1000
IHC	1:50-1:200
IF	1:50-1:200

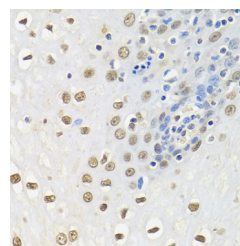
Data



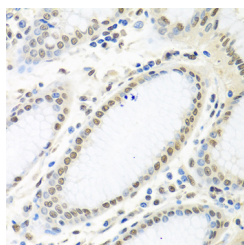
Western blot analysis of extracts from normal (control) and HuR / ELAVL1 knockout (KO) 293T cells using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:36kDa

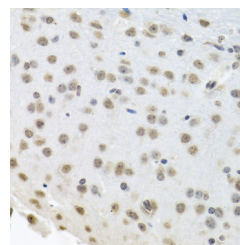
Calculated Mw:36kDa/38kDa



Immunohistochemistry of paraffin-embedded Human esophagus using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:100 (40x lens).

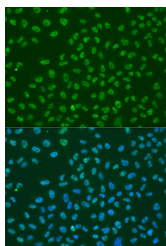


Immunohistochemistry of paraffin-embedded Human stomach using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only



Immunofluorescence analysis of U2OS cells using
HuR / ELAVL1 Polyclonal Antibody at dilution of
1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

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

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.