

## [KO Validated] Anti-HuR/ELAVL1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

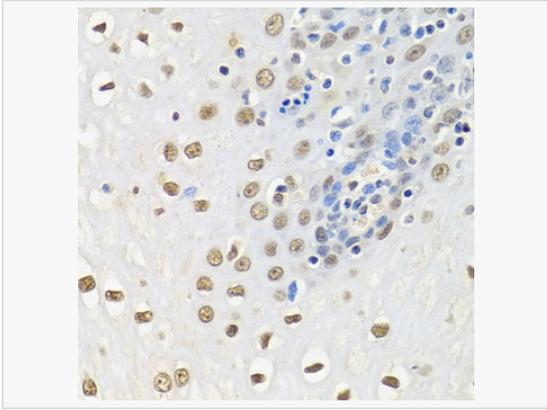
Catalog # P106333

### Product Information

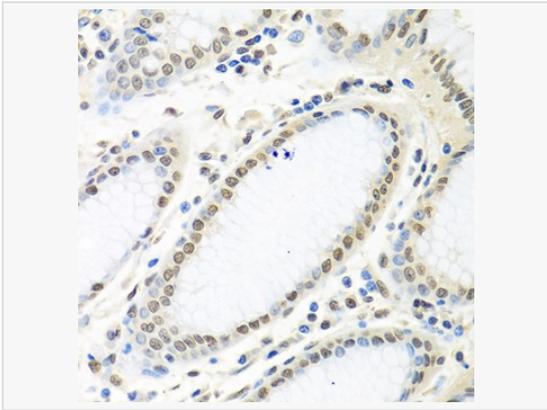
Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:200; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HuR/ELAVL1 (NP_001410.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-HuR/ELAVL1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

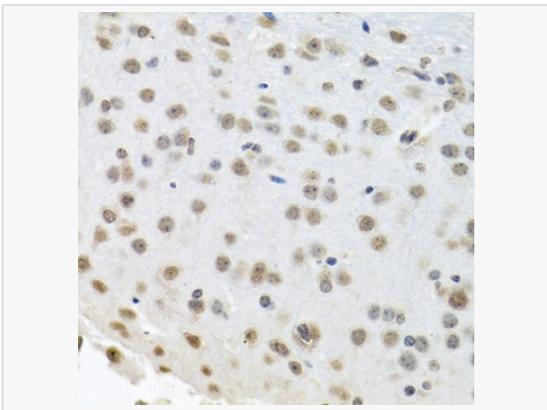
Synonyms	HUR; Hua; MelG; ELAV1; HuR/ELAVL1.
Calculated MW	Calculated MW: 36 kDa; Observed MW: 36 kDa
Uniprot ID	Q15717
Gene ID	1994
Background	The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich 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.



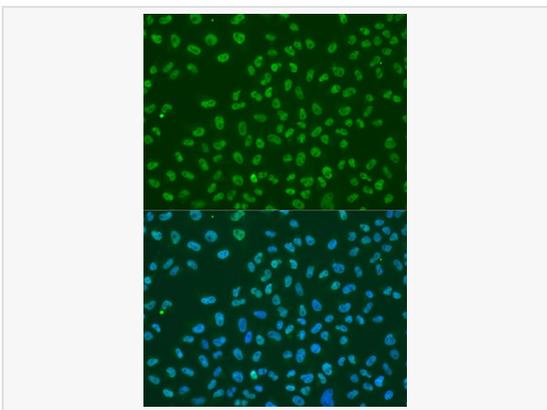
Immunohistochemistry analysis of paraffin-embedded Human esophagus using [KO Validated] HuR/ELAVL1 Rabbit pAb (P106333) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



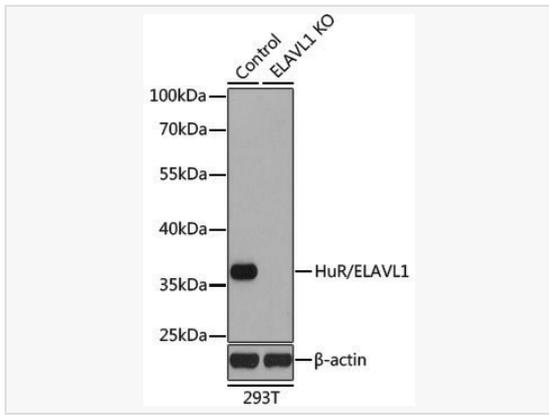
Immunohistochemistry analysis of paraffin-embedded Human stomach using [KO Validated] HuR/ELAVL1 Rabbit pAb (P106333) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using [KO Validated] HuR/ELAVL1 Rabbit pAb (P106333) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using [KO Validated] HuR/ELAVL1 Rabbit pAb (P106333) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and HuR/ELAVL1 knockout (KO) 293T cells, using [KO Validated] HuR/ELAVL1 Rabbit pAb (P106333) at 1:1,000 dilution.

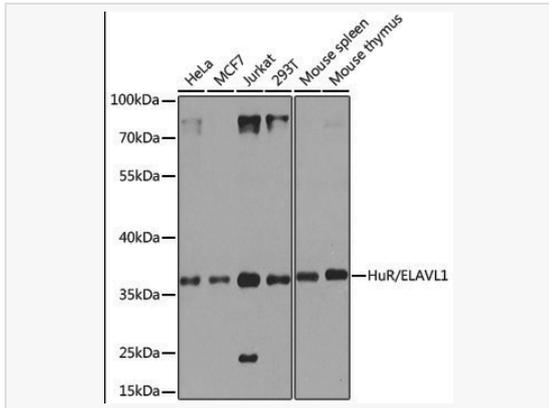
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (SQ201).

Exposure time: 90s.



Western blot analysis of various lysates using [KO Validated] HuR/ELAVL1 Rabbit pAb (P106333) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 20s.