

## Rabbit anti-Human, Mouse HuR/ELAVL1 Polyclonal Antibody | anti-ELAVL1 antibody

Anti-HuR/ELAVL1 Antibody, Rabbit Polyclonal

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA254388</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

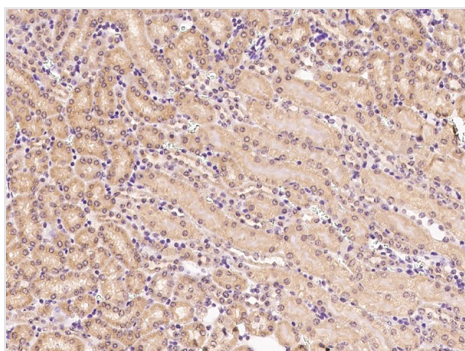
### PRODUCT SYNONYMS

HuR/ELAVL1; Polyclonal Antibody; Anti-HuR/ELAVL1 Antibody; Rabbit Polyclonal; HuR/ELAVL1 Antibody; Rabbit PAb; Antigen Affinity Purified; ELAV like RNA binding protein 1; Anti-ELAV1 Antibody; Anti-Hua Antibody; Anti-HUR Antibody; Anti-MelG Antibody; anti-ELAVL1 antibody

### PRODUCT SPECIFICATIONS

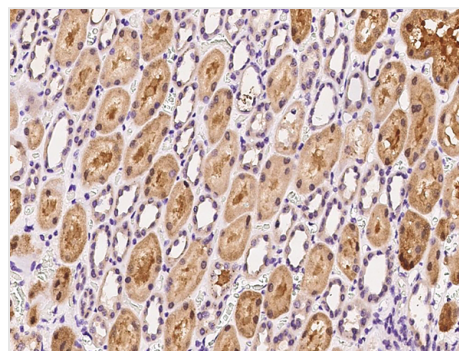
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|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                       | Human, Mouse                                                                                                                                                                                                                                       |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                          | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                      | Human HuR/ELAVL1                                                                                                                                                                                                                                   |
| Purity/Purification                              | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                      | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-ELAVL1 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                         |
| Immunogen                                        | A synthetic peptide corresponding to the N-terminus of the Human HuR/ELAVL1                                                                                                                                                                        |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                       |
| Preparation                                      | Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human HuR/ELAVL1, and purified by antigen affinity chromatography.                                                                                   |
| Preparation and Storage                          | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**

Immunochemical staining ELAVL1 in mouse kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



**IHC (Immunohistochemistry)**

Immunochemical staining ELAVL1 in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ELAVL1 antibody | HuR/Elav-like RNA binding protein 1 (ELAVL1) positively regulates mRNA stability of AU-rich elements (ARE)-containing transcript such as pro-inflammatory cytokines. Ribotoxic stresses can trigger the production of pro-inflammatory mediators by enhancing mRNA stability and transcriptional activity. We investigated the effects of ribotoxin deoxynivalenol (DON) on HuR translocation and its involvement in the regulation of the pro-inflammatory interleukin-8 (IL-8) mR. ELAVL1 is an RNA binding protein involved in translation control, which might have a regulatory role in prostate cancer progress. ELAVL1 is an RNA binding protein involved in translation control, which might have a regulatory role in prostate cancer progress. EIF5A2, eukaryotic translation initiation factor 5A2, is associated with several human cancers. Overexpression of EIF5A2 was an independent predictor for poor metastasis-free survival of localized invasive BC patients treated with radical cystectomy. eIF5A2 is overexpressed by gene amplification or hypoxia in ESCCs, and associated with up-regulation of HIF1alpha, metastasis, and shorter survival times of patients. Increased expression of eIF5A2 increases metastasis and angiogenesis in ESCC via the HIF1alpha-mediated signaling pathway. |
| Product Categories/Family for anti-ELAVL1 antibody   | <a href="#">IL17 signaling pathway</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">20981691</a>                                                                                                                                                                   |
| NCBI GeneID                      | <a href="#">1994</a>                                                                                                                                                                       |
| UniProt Accession #              | <a href="#">Q15717</a> ; <a href="#">Q53XN6</a> ; <a href="#">Q9BTT1</a> ; <a href="#">B4DVB8</a>                                                                                          |
| Molecular Weight                 | 326                                                                                                                                                                                        |
| NCBI Official Full Name          | ELAV-like protein 1                                                                                                                                                                        |
| NCBI Official Synonym Full Names | ELAV like RNA binding protein 1                                                                                                                                                            |
| NCBI Official Symbol             | ELAVL1                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | HUR; Hua; MeIG; ELAV1                                                                                                                                                                      |
| NCBI Protein Information         | ELAV-like protein 1; Hu antigen R; hu-antigen R; embryonic lethal, abnormal vision, drosophila, homolog-like 1; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R) |
| UniProt Protein Name             | ELAV-like protein 1                                                                                                                                                                        |
| UniProt Gene Name                | <b>ELAVL1</b>                                                                                                                                                                              |
| UniProt Synonym Gene Names       | HUR; HuR                                                                                                                                                                                   |
| UniProt Entry Name               | ELAV1_HUMAN                                                                                                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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