

HuR ELAVL1 Rabbit mAb

Catalog No: #49671

Package Size: #49671-1 50ul #49671-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

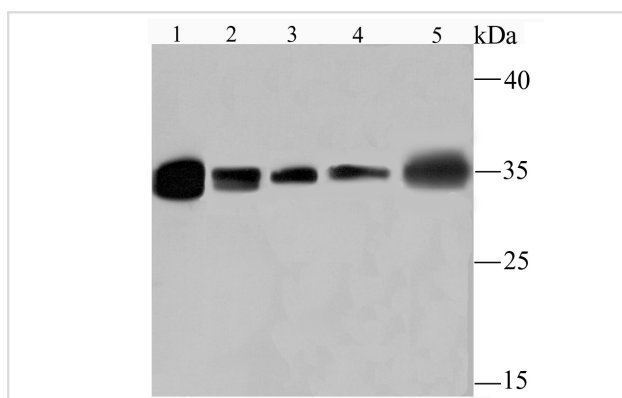
Description

Product Name	HuR ELAVL1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Purification	ProA affinity purified
Applications	WB, IHC, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	ELAV (embryonic lethal abnormal vision Drosophila) like 1 antibody ELAV (embryonic lethal, abnormal vision, Drosophila) like 1 (Hu antigen R) antibody ELAV like 1 antibody ELAV like RNA binding protein 1 antibody ELAV-like protein 1 antibody ELAV1 antibody ELAV1_HUMAN antibody Elav1 antibody Embryonic lethal abnormal vision drosophila homolog like 1 antibody Hu Antigen R antibody Hu-antigen R antibody Hua antibody HuR antibody MeIG antibody
Accession No.	Swiss-Prot#:Q15717
Uniprot	Q15717
GeneID	1994;
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

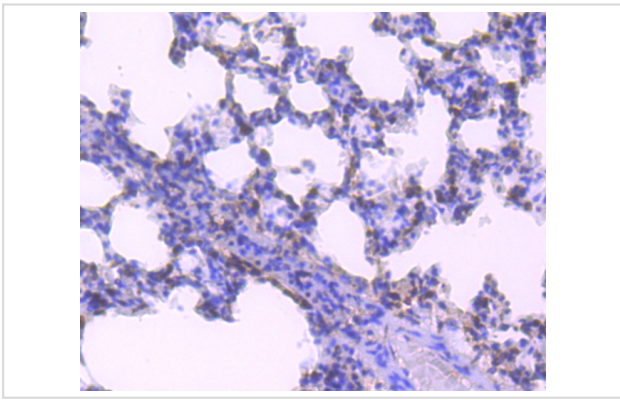
Application Details

WB: 1:500-1:2,000 IHC: 1:100-1:500 IP: 1:10-1:50 FC: 1:50-1:100

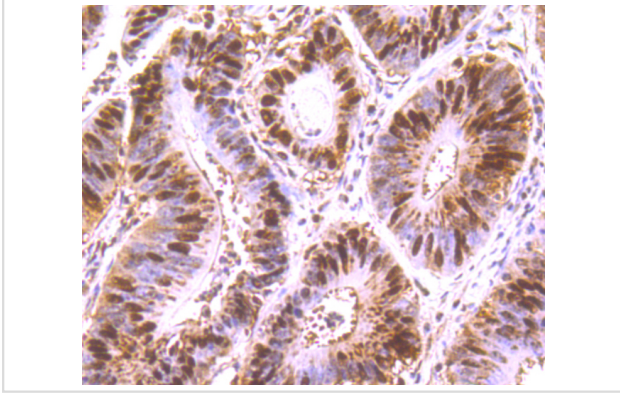
Images



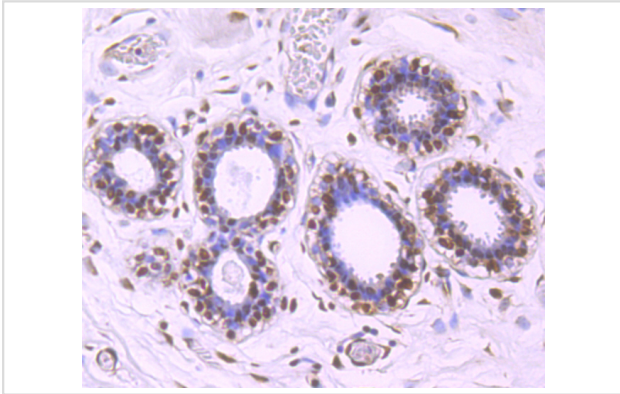
Western blot analysis of HuR/ELAVL1 on different lysates using anti-HuR/ELAVL1 antibody at 1/1,000 dilution.
 POSITIVE CONTROL: Lane 1: Rat spleen tissue Lane 2: Rat heart tissue Lane 3: PC-12 Lane 4: Mouse heart tissue Lane 5: Hela



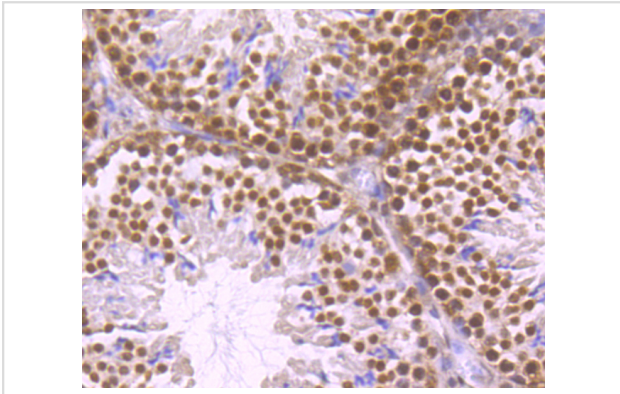
Immunohistochemical analysis of paraffin-embedded rat lung tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.



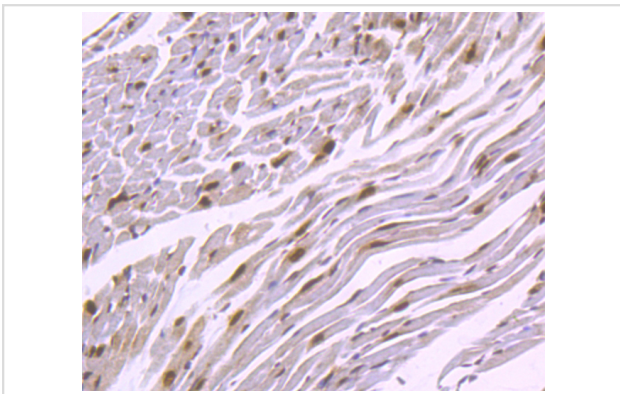
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.



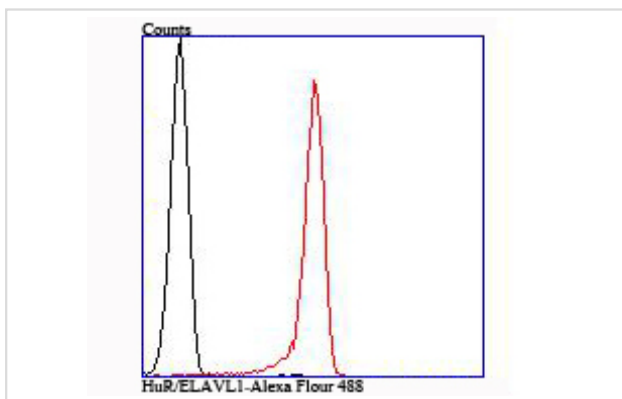
Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of Jurkat cells with HuR/ELAVL1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

Background

RNA-binding protein that binds to the 3'-UTR region of mRNAs and increases their stability. Involved in embryonic stem cells (ESCs) differentiation: preferentially binds mRNAs that are not methylated by N6-methyladenosine (m6A), stabilizing them, promoting ESCs differentiation. Binds to poly-U elements and AU-rich elements (AREs) in the 3'-UTR of target mRNAs. Binds avidly to the AU-rich element in FOS and IL3/interleukin-3 mRNAs. In the case of the FOS AU-rich element, binds to a core element of 27 nucleotides that contain AUUUA, AUUUUA, and AUUUUUA motifs. Binds preferentially to the 5'-UUUU[AG]UUU-3' motif in vitro. With ZNF385A, binds the 3'-UTR of p53/TP53 mRNA to control their nuclear export induced by CDKN2A. Hence, may regulate p53/TP53 expression and mediate in part the CDKN2A anti-proliferative activity. May also bind with ZNF385A the CCNB1 mRNA.

References

Note: This product is for in vitro research use only