

Anti-ELAVL1 Antibody (3D917)

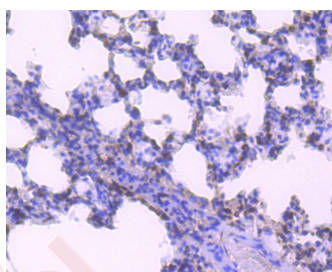
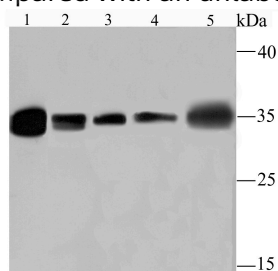
Product Details

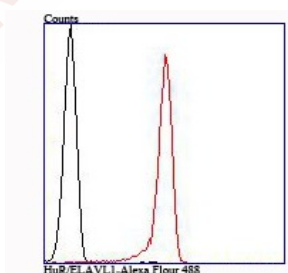
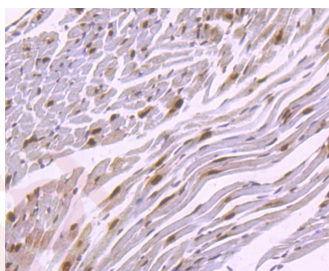
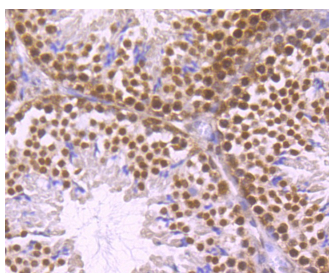
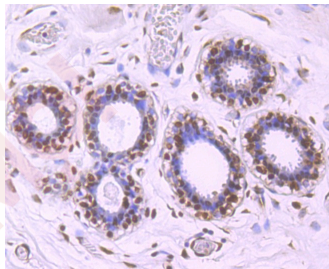
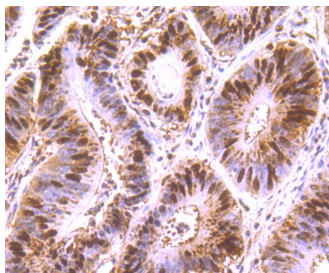
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	3D917
Purification:	ProA affinity purified

Applications

1. 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.
2. Immunohistochemical analysis of paraffin-embedded rat lung tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.
6. Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-HuR/ELAVL1 antibody. Counter stained with hematoxylin.
7. 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).

Verified Activity:





Application: FCM,IHC,IP,WB

Recommended WB: 1:500-2000; IHC: 1:100-500; IP: 1:10-50; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein
Uniprot ID: Q15717
Synonyms: Hu-antigen R (HuR);ELAVL1;ELAV-like protein 1;HUR

Research 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 proliferative activity. May also bind with ZNF385A the CCNB1 mRNA.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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