

ELAVL1 polyclonal antibody

Catalog: BS90457

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Swiss-Prot:

Q15717(Human) P70372(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

IHC:1:100-1:500

FC:1:50-1:100

IP:1:10-1:50

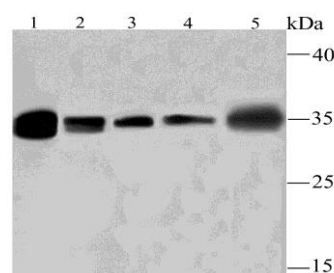
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

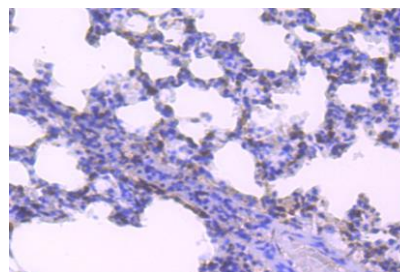
Specificity:

ELAVL1 polyclonal antibody detects endogenous levels of ELAVL1 protein.

DATA:



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.

Note:

For research use only, not for use in diagnostic procedure.

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