

Datasheet for ABIN7151475
anti-ELAVL1 antibody (AA 2-326)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ELAVL1
Binding Specificity:	AA 2-326
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELAVL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human ELAV-like protein 1 protein (2-326AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ELAVL1
Alternative Name:	ELAVL1 (ELAVL1 Products)
Background:	Background: RNA-binding protein that binds to the 3'-UTR region of mRNAs and increases their stability (PubMed:14517288, PubMed:18285462). Involved in embryonic stem cells (ESCs)

Target Details

differentiation: preferentially binds mRNAs that are not methylated by N6-methyladenosine (m6A), stabilizing them, promoting ESCs differentiation (By similarity). Binds to poly-U elements and AU-rich elements (AREs) in the 3'-UTR of target mRNAs (PubMed:8626503, PubMed:17632515, PubMed:18285462, PubMed:23519412, PubMed:14731398). 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 (PubMed:8626503). 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 (By similarity). Increases the stability of the leptin mRNA harboring an AU-rich element (ARE) in its 3' UTR (PubMed:29180010).

Aliases: 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, Elavl1 antibody, Embryonic lethal abnormal vision drosophila homolog like 1 antibody, Hu Antigen R antibody, Hu-antigen R antibody, Hua antibody, HuR antibody, MeIG antibody

UniProt: [Q15717](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot All lanes: ELAVL1 antibody at 6 μ g/mL + A431 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 37, 39 kDa Observed band size: 37 kDa