

Datasheet for ABIN7151477

**anti-ELAVL1 antibody (AA 2-326) (FITC)**[Go to Product page](#)

## Overview

|                      |                                            |
|----------------------|--------------------------------------------|
| Quantity:            | 100 µg                                     |
| Target:              | ELAVL1                                     |
| Binding Specificity: | AA 2-326                                   |
| Reactivity:          | Human                                      |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This ELAVL1 antibody is conjugated to FITC |
| Application:         | Please inquire                             |

## 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 ( <a href="#">ELAVL1 Products</a> )                                                                                                                                         |
| 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, MelG antibody

UniProt: [Q15717](#)

Pathways: [AMPK Signaling](#)

## Application Details

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.

Storage: -20 °C,-80 °C

## Handling

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