



Datasheet for ABIN4909093
anti-ELAVL1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ELAVL1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ELAVL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ELAVL1 monoclonal antibody is generated from mouse immunized with ELAVL1 recombinant protein.
Clone:	4C3
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	ELAVL1
Alternative Name:	ELAVL1 (ELAVL1 Products)

Target Details

Background: Synonyms: HUR, Hua, MelG, ELAV1, ELAV-like protein 1, Hu-antigen R, ELAVL1
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) 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). 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).

Gene ID: 1994

UniProt: [Q15717](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

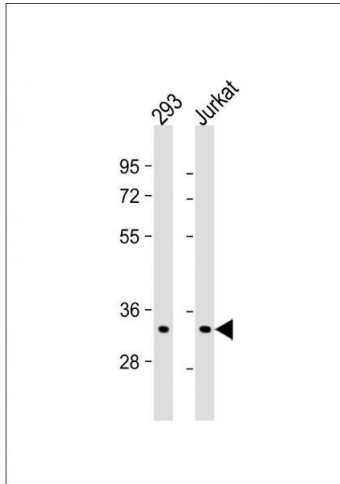
Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: 293 lysates, Lane 2: Jurkat cell lysates, probed with ELAVL1 (224CT6.5.3) Monoclonal Antibody, unconjugated (bsm-51064M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.