

Datasheet for ABIN577055
anti-ELAVL1 antibody[Go to Product page](#)**1** Image **4** Publications

Overview

Quantity:	100 µg
Target:	ELAVL1
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ELAVL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Synthetic Peptide
Clone:	19F12
Isotype:	IgG1
Specificity:	Greater than 95%
Purification:	Purified IgG
Purity:	> 98 %

Target Details

Target:	ELAVL1
Alternative Name:	HuR (ELAVL1 Products)

Target Details

Background: HuR (also called Elavl-1 or HuA) is a protein that binds to specific AU-rich elements in a mRNA and thereby upregulates its expression. The protein contains three RRM type RNA binding domains. The first and second RNA binding domains interact with the AU-rich element. HuR is a member of a family of proteins called the elav-like proteins. The other members, HuD, HuC, and HEL-N1 are predominantly expressed in neurons. Monoclonal 19F12 was designed by CLONEGENE and was generated against a unique HuR peptide and does not react with HuD, HuC, or Hel-N1.

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: Works on IHC at 1/2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1mg/ml

Buffer: PBS /glycerol

Storage: -20 °C

Publications

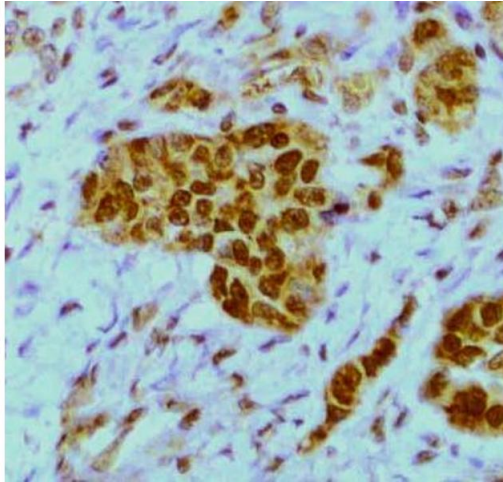
Product cited in: Ni, Zhou, Song, Chen, Wang, Du, Zhang: "ELAVL1a is an immunocompetent protein that protects zebrafish embryos from bacterial infection." in: **Communications biology**, Vol. 4, Issue 1, pp. 251, (2021) ([PubMed](#)).

Li, Lu, Dai, Torregroza, Hla, Evans: "Elavl1a regulates zebrafish erythropoiesis via posttranscriptional control of gata1." in: **Blood**, Vol. 123, Issue 9, pp. 1384-92, (2014) ([PubMed](#)).

Chang, Lu, Li, Hsieh, Xiong, Ghosh, Evans, Elemento, Hla: "Antagonistic function of the RNA-binding protein HuR and miR-200b in post-transcriptional regulation of vascular endothelial growth factor-A expression and angiogenesis." in: **The Journal of biological chemistry**, Vol. 288, Issue 7, pp. 4908-21, (2013) ([PubMed](#)).

García-Domínguez, Morello, Cisneros, Kontoyiannis, Frade: "Stabilization of Dll1 mRNA by

Elavl1/HuR in neuroepithelial cells undergoing mitosis." in: **Molecular biology of the cell**, Vol. 22, Issue 8, pp. 1227-39, (2011) ([PubMed](#)).



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Expression of HuR in a breast tumor (FFPE section) by staining with 19F12 monoclonal antibody