Anti-ELAVL1 antibody

Cat. No.	ml120589
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-ELAVL1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human ELAVL1
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ELAVL1
Full name	ELAV like RNA binding protein 1
Synonyms	HUR; Hua; MelG; ELAV1
Swissprot	Q15717

Target Background

The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3' untranslated regions of mRNAs. AREs signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy.
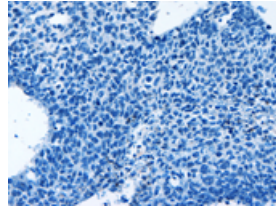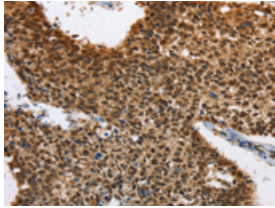
Applications

Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human lung cancer
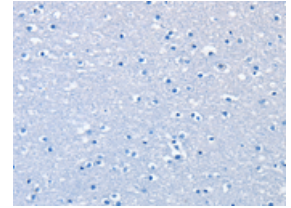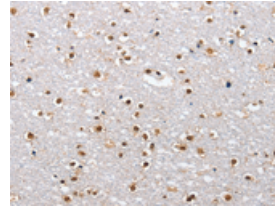
Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml120589(ELAVL1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human brain   tissue using ml120589(ELAVL1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:36 kDa

Positive control:293T, A431, NIH/3T3, hela and hepG2 cells
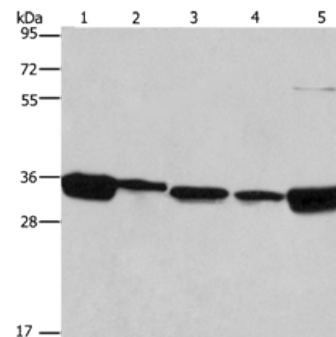
Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

Lysate: 40 μg

Lane 1-5: 293T cells, A431 cells, NIH/3T3 cells, hela cells, hepG2 cells

Primary antibody: ml120589(ELAVL1 Antibody) at dilution 1/667

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds

ELISA

Recommended dilution: 2000-5000

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