Anti-ELAVL3 antibody

Cat. No.	ml261834
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-ELAVL3 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human ELAVL3
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ELAVL3
Full name	ELAV like neuron-specific RNA binding protein 3

Synonyms	HUC; HUCL; PLE21
Swissprot	Q14576

Target Background

A member of the ELAVL protein family, ELAV-like 3 is a neural-specific RNA-binding protein which contains three RNP-type RNA recognition motifs. The observation that ELAVL3 is one of several Hu antigens (neuronal-specific RNA-binding proteins) recognized by the anti-Hu serum antibody present in sera from patients with paraneoplastic encephalomyelitis and sensory neuronopathy (PEM/PSN) suggests it has a role in neurogenesis. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
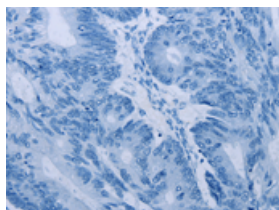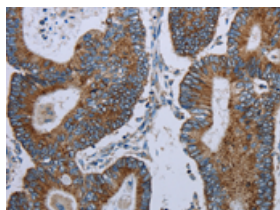
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer
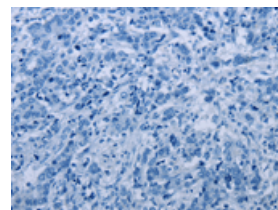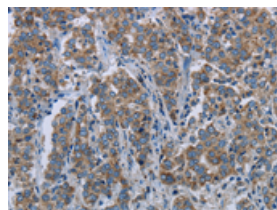
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml261834(ELAVL3 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261834(ELAVL3 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size:40 kDa

Positive control:Human fetal brain tissue
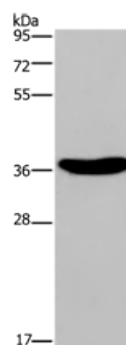
Recommended dilution: 200-1000

Gel: 10%SDS-PAGE

Lysate: 40 μg

Lane: Human fetal brain tissue

Primary antibody: ml261834(ELAVL3 Antibody) at dilution 1/350

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

Exposure time: 3 minutes

ELISA

Recommended dilution: 1000-2000

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