

Anti-ELAVL1 Polyclonal Antibody

Product Details

| | |
|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Human, Mouse (predicted: Rat, Chicken, Dog, Pig, Cow, Sheep) |
| Molecular Weight: | Theoretical: 36 kDa. Actual: 36 kDa. |
| Purification: | Protein A purified |

Applications

1. Tissue/cell: human carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-ELAVL1 Polyclonal Antibody, Unconjugated (TMAB-05531) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
 2. Tissue/cell: mouse lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-ELAVL1 Polyclonal Antibody, Unconjugated (TMAB-05531) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
 3. Sample:
JurkaT (Human) Cell Lysate at 30 µg
NIH/3T3 (Mouse) Cell Lysate at 30 µg
Verified Activity: Hela (Human) Cell Lysate at 30 µg
Primary: Anti-ELAVL1 (TMAB-05531) at 1/500 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 36 kD
Observed band size: 36 kD
 4. Blank control (black line): Hela.
Primary Antibody (green line): Rabbit Anti-ELAVL1 antibody (TMAB-05531)
Dilution: 2 µg/Test;
Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC
Dilution: 0.5 µg/Test.
Isotype control (orange line): Normal Rabbit IgG
- Protocol
The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

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Application: WB,IHC-P,IHC-Fr,IF,FCM

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 2µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human ELAVL1

Antigen Species: Human

Gene ID: 1994

Uniprot ID: Q15717

Research Background

The protein encoded by this gene is a member of the ELAVL protein family. This encoded protein contains 3 RNA-binding domains and binds cis-acting AU-rich elements. It destabilizes mRNAs and thereby regulates gene expression. [provided by RefSeq].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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