

Anti-NRN1 Polyclonal Antibody

Product Details

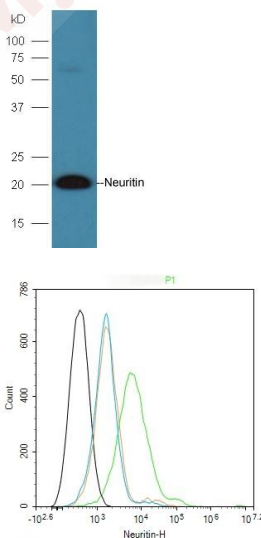
Ig Type: IgG
Reactivity: Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse, Rabbit)
Molecular Weight: Theoretical: 16 kDa. Actual: 20 kDa.
Purification: Protein A purified

Applications

1. Sample: Brain (Mouse) lysate at 30 µg;
Primary: Anti-Neuritin (TMAB-01271) at 1:300 dilution;
Secondary: HRP conjugated Goat-Anti-Rabbit IgG (bse-0295G-HRP) at 1: 5000 dilution;
Predicted band size: 16 kDa
Observed band size: 20 kDa
2. Blank control: U251. Primary Antibody (green line): Rabbit Anti-Neuritin antibody (TMAB-01271)

Verified Activity: Dilution: 1 µg/Test;
Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF488
Dilution: 0.5 µg/Test.
Isotype control (orange line): Normal Rabbit IgG
Protocol

The cells were 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.



Application: FCM, WB
Recommended WB: 1:500-2000; FCM: 1µg/Test

Properties

Stability & Storage: 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 Neuritin

Antigen Species: Human

Gene ID: 51299

Uniprot ID: Q9NPD7

Synonyms: NRN;dj380B8.2;MGC44811;neuritin 1

Research Background

This gene encodes a member of the neuritin family, and is expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. The expression of this gene can be induced by neural activity and neurotrophins. The encoded protein contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins. The encoded protein promotes neurite outgrowth and arborization, suggesting its role in promoting neuritogenesis. Overexpression of the encoded protein may be associated with astrocytoma progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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