NIPSNAP3B Antibody
Cat. No.: 4957

Immunohistochemistry of NIPSNAP3B in mouse brain tissue with NIPSNAP3B antibody at 2.5 μg/mL.

Immunofluorescence of NIPSNAP3B in mouse brain tissue with NIPSNAP3B antibody at 5 μg/mL.

Specifications

<table>
<thead>
<tr>
<th>HOST SPECIES:</th>
<th>Rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIES REACTIVITY:</td>
<td>Human, Mouse</td>
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<tr>
<td>IMMUNOGEN:</td>
<td>NIPSNAP3B antibody was raised against a 16 amino acid synthetic peptide near the center of human NIPSNAP3B. The immunogen is located within amino acids 40 - 90 of NIPSNAP3B.</td>
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<td>TESTED APPLICATIONS:</td>
<td>ELISA, IF, IHC-P, WB</td>
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APPLICATIONS: NIPSNAP3B antibody can be used for detection of NIPSNAP3B by Western blot at 1 - 2 μg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μg/mL. For immunofluorescence start at 5 μg/mL.

Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

SPECIFICITY: NIPSNAP3B antibody is predicted to not cross-react with any other members of the NIPSNAP protein family.

POSITIVE CONTROL: 1) Cat. No. 1403 - Mouse Brain Tissue Lysate

Properties

PURIFICATION: NIPSNAP3B Antibody is affinity chromatography purified via peptide column.

CLONALITY: Polyclonal

ISOTYPE: IgG

CONJUGATE: Unconjugated

PHYSICAL STATE: Liquid

BUFFER: NIPSNAP3B Antibody is supplied in PBS containing 0.02% sodium azide.

CONCENTRATION: 1 mg/mL

STORAGE CONDITIONS: NIPSNAP3B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Additional Info

OFFICIAL SYMBOL: NIPSNAP3B

ALTERNATE NAMES: NIPSNAP3B Antibody: NIPSNAP3, NIPSNAP3, Protein NipSnap homolog 3B, SNAP1, NipSnap3B

ACCESSION NO.: Q9BS92

PROTEIN GI NO.: 17380145

GENE ID: 55335

USER NOTE: Optimal dilutions for each application to be determined by the researcher.

Background and References
BACKGROUND:

NIPSNAP3B Antibody: The NIPSNAP proteins comprise a family of evolutionarily well-conserved proteins with strong sequence similarity to the central portion of a protein encoded by C. elegans chromosome III between a 4-nitrophenylphosphatase (NIP) domain and non-neuronal SNAP25-like protein. NIPSNAP2, a novel gene encoding a protein with tyrosine phosphorylation sites and a transmembrane domain, is co-amplified with EGFR in approximately 40% of glioblastomas, the most common and malignant form of central nervous system tumors. While NIPSNAP3B is highly expressed skeletal muscle, NIPSNAP3A mRNA levels are low. NIPSNAP proteins have been suggested to be important in vesicular transport.

REFERENCES:


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