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NIPSNAP3B Antibody
Catalog # ASC10821

Specification

NIPSNAP3B Antibody - Product Information

Application	**WB, IHC, IF**
Primary Accession	Q9BS92
Other Accession	Q9BS92, 17380145
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**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.**

NIPSNAP3B Antibody - Additional Information

Gene ID **55335**

Target/Specificity
NIPSNAP3B; NIPSNAP3B antibody is predicted to not cross-react with any other members of the NIPSNAP protein family.

Reconstitution & Storage
NIPSNAP3B antibody can be stored at 4℃ for three months and -20℃, 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.

Precautions
NIPSNAP3B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NIPSNAP3B Antibody - Protein Information

Name NIPSNAP3B

Synonyms NIPSNAP3

NIPSNAP3B Antibody - Protocols

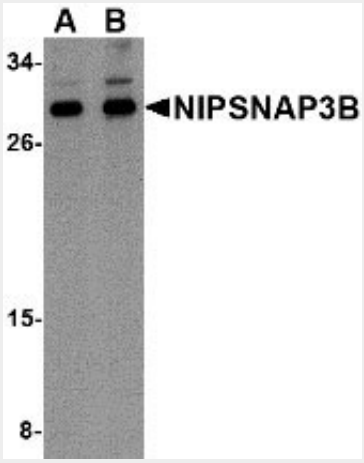
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

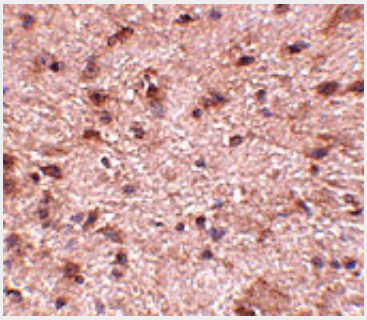
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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

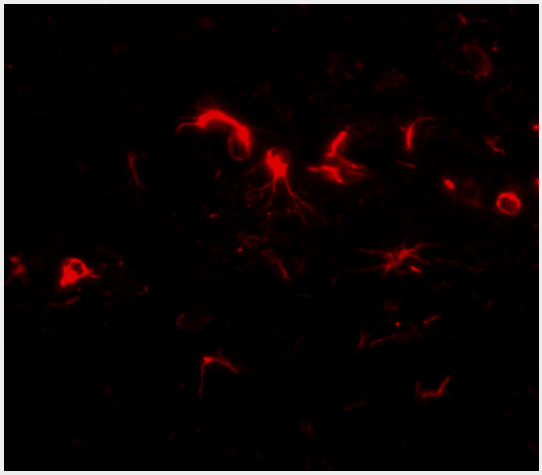
NIPSNAP3B Antibody - Images



Western blot analysis of NIPSNAP3B in mouse brain tissue lysate with NIPSNAP3B antibody at (A) 1 and (B) 2 µg/mL.



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



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

NIPSNAP3B Antibody - 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.

NIPSNAP3B Antibody - References

Seroussi E, Pan HQ, Kedra D, et al. Characterization of the human NIPSNAP1 gene from 22q12: a member of a novel gene family. Gene1998; 212:13-20.
Wang X-Y, Smith DI, Liu W, et al. GBAS, a novel gene encoding a protein with tyrosine phosphorylation sites and a transmembrane domain, is co-amplified with EGFR. Genomics1998; 49:448-51.
Buechler C, Bodzioch M, Bared SM, et al. Expression pattern and raft association of NIPSNAP3 and NIPSNAP4, highly homologous proteins encoded by genes in close proximity to the ATP-binding cassette transporter A1. Genomics2004; 83:1116-24.