

Anti-Protein NipSnap homolog 3A NIPSNAP3A Antibody

Catalog Number: A14892

About NIPSNAP3A

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. NIPSNAP3A protein is associated with plasma membrane and partially localized in rafts. NIPSNAP proteins have been suggested to be important in vesicular transport.

Overview

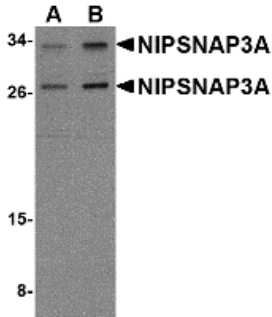
Product Name	Anti-Protein NipSnap homolog 3A NIPSNAP3A Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Protein NipSnap homolog 3A NIPSNAP3A Antibody (Catalog # A14892). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	NIPSNAP3A Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	NIPSNAP3A antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UFN0

Technical Details

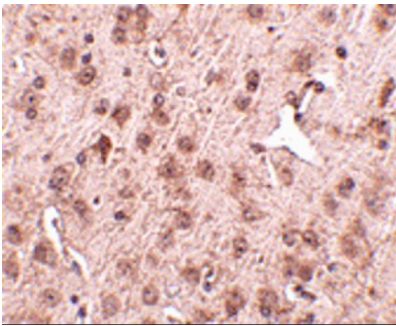
Immunogen	NIPSNAP3A antibody was raised against a 16 amino acid synthetic peptide near the center of human NIPSNAP3A. The immunogen is located within amino acids 40 - 90 of NIPSNAP3A.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of NIPSNAP3A are known to exist. NIPSNAP3A antibody is predicted to not cross-react with any other members of the NIPSNAP protein family.
Isotype	IgG
Form	Liquid

Concentration	1 mg/mL
Purification	NIPSNAP3A Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	<p>NIPSNAP3A antibody can be used for detection of NIPSNAP3A by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL.</p> <p>Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.</p>

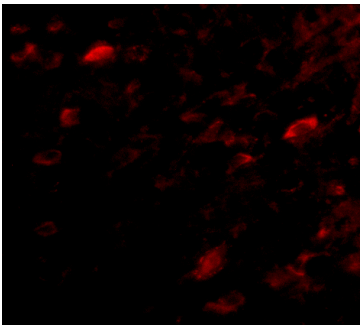
Anti-Protein NipSnap homolog 3A NIPSNAP3A Antibody (A14892) Images



Western blot analysis of NIPSNAP3A in mouse brain tissue lysate with NIPSNAP3A antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of NIPSNAP3A in mouse brain tissue with NIPSNAP3A antibody at 2.5 ug/mL.



Immunofluorescence of NIPSNAP3A in Mouse Brain cells with NIPSNAP3A antibody at 5 ug/mL.

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