# NIPSNAP3A Antibody

Catalog No: #24805

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## Description

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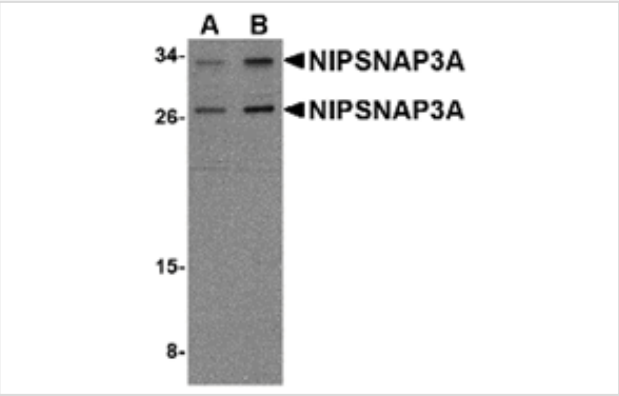
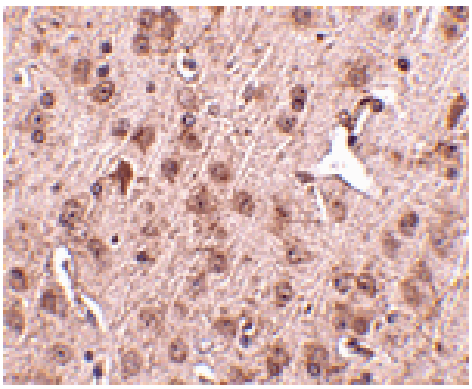
| Product Name | NIPSNAP3A Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity chromatography purified via peptide column |
| Applications | ELISA WB IHC |
| Species Reactivity | Hu Ms |
| Specificity | At least two isoforms of NIPSNAP3A are known to exist. NIPSNAP3A antibody is predicted to not cross-react with any other members of the NIPSNAP protein family. |
| Immunogen Type | Peptide |
| Immunogen Description | Raised against  a 16 amino acid peptide near the center of human NIPSNAP3A. |
| Target Name | NIPSNAP3A |
| Other Names | NIPSNAP3A, Non-neuronal SNAP25-like protein 3A, NIPSNAP4, TASSC |
| Accession No. | Swiss-Prot:Q9UFN0Gene ID:25934 |
| Uniprot | Q9UFN0 |
| GeneID | 25934; |
| Concentration | 1mg/ml |
| Formulation | Supplied in PBS containing 0.02% sodium azide. |
| Storage | Can be stored at -20°C, stable for 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. |

## 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.

## Background

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.

Note: This product is for in vitro research use only