

Rabbit NIPSNAP2 Polyclonal Antibody | anti-NIPSNAP2 antibody

NIPSNAP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301316	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NIPSNAP2; Polyclonal Antibody; NIPSNAP2 Antibody; Non-neuronal SNAP25-like protein 2; Glioblastoma-amplified sequence; GBAS; anti-NIPSNAP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	247
Applicable Applications for anti-NIPSNAP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the amino terminus of human NIPSNAP2.
Target Name	NIPSNAP2
Preparation and Storage	Can be stored at -20 degree 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



IHC (Immunohistochemistry)

Immunohistochemistry of NIPSNAP2 in mouse skeletal muscle tissue with NIPSNAP2 antibody at 2.5ug/mL.



WB (Western Blot)

Western blot analysis of NIPSNAP2 in human skeletal muscle tissue lysate with NIPSNAP2 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NIPSNAP2 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. It is widely expressed and most abundant in heart and skeletal muscle. NIPSNAP proteins have been suggested to be important in vesicular transport. NIPSNAP2 antibody is predicted to not cross-react with any other members of the NIPSNAP protein family.

Product Categories/Family for anti-NIPSNAP2 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	321267477
NCBI GeneID	2631
NCBI Accession #	NP_001189398.1
NCBI GenBank Nucleotide #	NM_001202469.1
UniProt Accession #	O75323; O43801; Q53X96; C9IYJ3
Molecular Weight	29,053 Da
NCBI Official Full Name	protein NipSnap homolog 2 isoform 2
NCBI Official Synonym Full Names	glioblastoma amplified sequence
NCBI Official Symbol	GBAS
NCBI Official Synonym Symbols	NIPSNAP2
NCBI Protein Information	protein NipSnap homolog 2
UniProt Protein Name	Protein NipSnap homolog 2
UniProt Gene Name	GBAS
UniProt Synonym Gene Names	NIPSNAP2; NipSnap2
UniProt Entry Name	NIPS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.