

Datasheet for ABIN500353
anti-GBAS antibody (N-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	GBAS
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBAS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	NIPSNAP2 antibody was raised against a 14 amino acid peptide near the amino terminus of human NIPSNAP2.
Isotype:	IgG
Specificity:	This antibody detects NIPSNAP2 / GBAS at N-term. It is predicted to not cross-react with any other members of the NIPSNAP protein family.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	GBAS
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Target Details

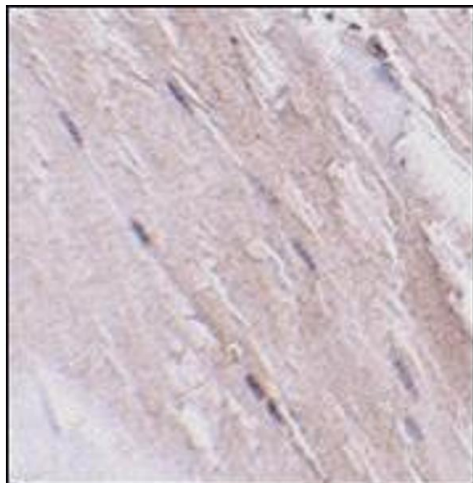
Alternative Name:	NIPSNAP2 / GBAS (GBAS Products)
Background:	<p>The NIPSNAP proteins comprise a family of evolutionarily well-conserved proteins with strong sequence similarity to the central portion of a protein encoded by C. elegans chromosome III between a 4-nitrophenylphosphatase (NIP) domain and non-neuronal SNAP25-like protein.</p> <p>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. Synonyms: Protein NipSnap homolog 2, glioblastoma amplified sequence</p>
Gene ID:	2631
UniProt:	O75323
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	<p>ELISA. Western blot: 1 - 2 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

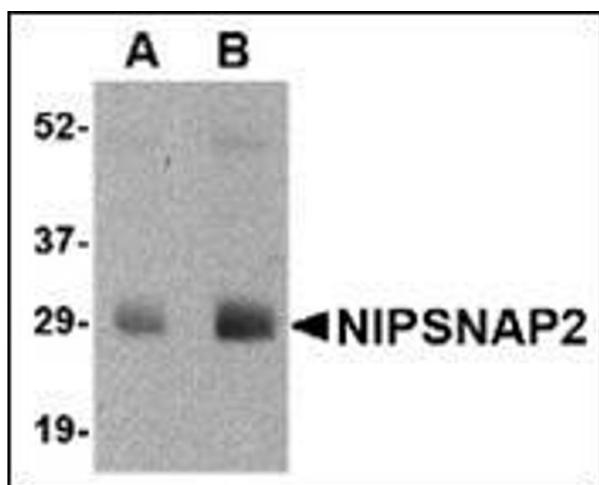
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of NIPSNAP2 in mouse skeletal muscle tissue with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of NIPSNAP2 in human skeletal muscle tissue lysate with this product at (A) 0.5 and (B) 1 µg/ml.