

Datasheet for ABIN652238
anti-GBAS antibody (AA 130-159)

3 Images

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Overview

Quantity:	400 µL
Target:	GBAS
Binding Specificity:	AA 130-159
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBAS antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GBAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 130-159 amino acids from the Central region of human GBAS.
Clone:	RB20165
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GBAS
Alternative Name:	GBAS (GBAS Products)

Target Details

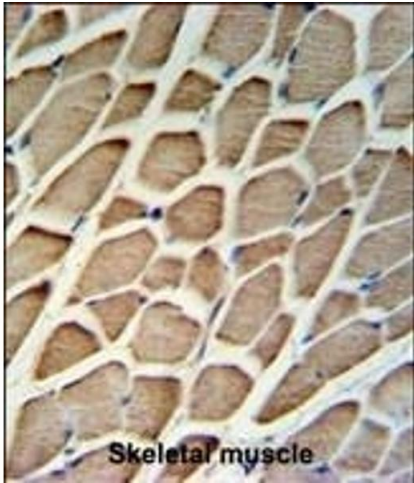
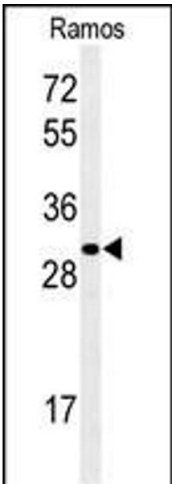
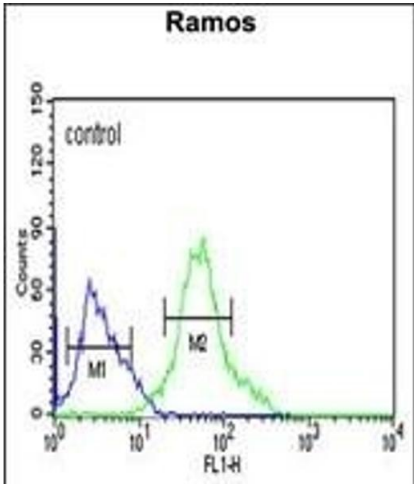
Background:	Chromosomal region 7p12, which contains GBAS, is amplified in approximately 40 % of glioblastomas, the most common and malignant form of central nervous system tumor. The predicted 286-amino acid protein contains a signal peptide, a transmembrane domain, and 2 tyrosine phosphorylation sites. The GBAS transcript is expressed most abundantly in heart and skeletal muscle. GBAS protein might be involved in vesicular transport.
Molecular Weight:	33743
Gene ID:	2631
NCBI Accession:	NP_001189398 , NP_001474
UniProt:	O75323
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. GBAS Antibody (Center) (ABIN652238 and ABIN2840994) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of GBAS Antibody (Center) (ABIN652238 and ABIN2840994) in Ramos cell line lysates (35 µg/lane). GBAS (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. GBAS Antibody (Center) (ABIN652238 and ABIN2840994) IHC analysis in formalin fixed and paraffin embedded skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GBAS Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.