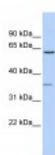




GBAS Antibody

CATALOG NUMBER: 26-290



Antibody used in WB on Human THP-1 at
0.2-1 ug/ml.

Specifications

| | |
|------------------------------------|--|
| SPECIES REACTIVITY: | Human |
| TESTED APPLICATIONS: | ELISA, WB |
| APPLICATIONS: | GBAS antibody can be used for detection of GBAS by ELISA at 1:12500. GBAS antibody can be used for detection of GBAS by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| USER NOTE: | Optimal dilutions for each application to be determined by the researcher. |
| POSITIVE CONTROL: | 1) Cat. No. 1208 - THP-1 Cell Lysate |
| PREDICTED MOLECULAR WEIGHT: | 34 kDa |
| IMMUNOGEN: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human GBAS. |
| HOST SPECIES: | Rabbit |

Properties

| | |
|----------------------------|--|
| PURIFICATION: | Antibody is purified by peptide affinity chromatography method. |
| PHYSICAL STATE: | Lyophilized |
| BUFFER: | Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL. |
| CONCENTRATION: | 1 mg/ml |
| STORAGE CONDITIONS: | For short periods of storage (days) store at 4°C. For longer periods of storage, store GBAS antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles. |
| CLONALITY: | Polyclonal |
| CONJUGATE: | Unconjugated |

Additional Info

| | |
|-------------------------|----------------|
| ALTERNATE NAMES: | GBAS, NIPSNAP2 |
| ACCESSION NO.: | NP_001474 |
| PROTEIN GI NO.: | 4503937 |

OFFICIAL SYMBOL: GBAS

GENE ID: 2631

Background

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. 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.

REFERENCES: 1) Mehrle, A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006).

FOR RESEARCH USE ONLY

December 12, 2016