

Datasheet for ABIN2777109
anti-GNaZ antibody (N-Term)[Go to Product page](#)

2 Images

Overview

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| Quantity: | 100 µL |
| Target: | GNaZ |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GNaZ antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human GNAZ |
| Sequence: | LIINYAIDSL TRIIRALAAL RIDFHNPDR YDAVQLFALT GPAESKGEIT |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against GNAZ. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | GNaZ |
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Target Details

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| Alternative Name: | GNAZ (GNaZ Products) |
| Background: | <p>GNAZ is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systems. This protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids. The protein encoded by this gene is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systems. This encoded protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: GNAZ, UBC, Htt, APP, ELAVL1, EYA2, RGS20, RGS19, RGS10, RGS7, EYA1, NUCB1, RAP1GAP, PRKCD, OPRD1, NMT1, DRD5, DRD2, ADORA1,</p> <p>Protein Size: 355</p> |
| Molecular Weight: | 39 kDa |
| Gene ID: | 2781 |
| NCBI Accession: | NM_002073 , NP_002064 |
| UniProt: | P19086 |
| Pathways: | G-protein mediated Events |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 355 AA |
| Restrictions: | For Research Use only |

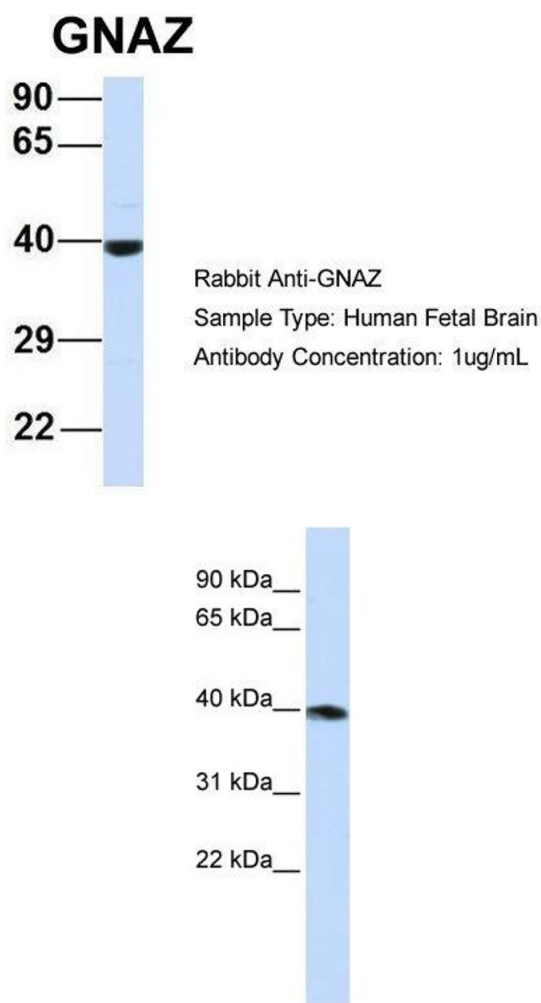
Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |

Handling

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| | should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



Western Blotting

Image 1. Host: Rabbit Target Name: GNAZ Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml

Western Blotting

Image 2. WB Suggested Anti-GNAZ Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate GNAZ is supported by BioGPS gene expression data to be expressed in HepG2