

## Product datasheet for **TA321432S**

### GNAZ Rabbit Polyclonal Antibody

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IHC  |
| Recommended Dilution: | IHC: 50-200<br>Positive control: Human brain<br>Predicted cell location: Cytoplasm   |
| Reactivity:           | Human, Mouse, Rat  |
| Host:                 | Rabbit   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | Synthetic peptide corresponding to a region derived from 4-18 amino acids of Human guanine nucleotide binding protein (G protein), alpha z polypeptide   |
| Formulation:          | PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol   |
| Purification:         | Antigen affinity purification  |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at -20°C as received.  |
| Stability:            | Stable for 12 months from date of receipt.   |
| Gene Name:            | G protein subunit alpha z  |
| Database Link:        | <a href="#">NP_002064</a><br><a href="#">Entrez Gene 14687 Mouse</a> <a href="#">Entrez Gene 25740 Rat</a> <a href="#">Entrez Gene 2781 Human P19086</a>   |
| Background:           | Guanine nucleotide-binding protein G(z) subunit alpha is a protein that in humans is encoded by the GNAZ gene. 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. GNAZ has been shown to interact with EYA2; RGS20 and RGS19. |
| Synonyms:             | alpha z polypeptide; guanine nucleotide binding protein; guanine nucleotide binding protein (G protein); transducin alpha  |

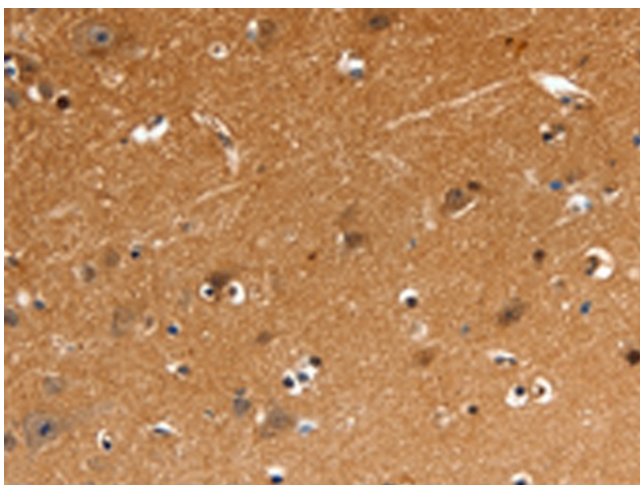


[View online »](#)

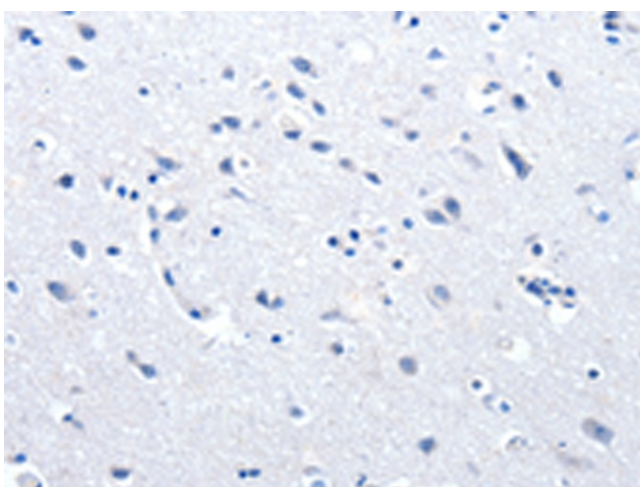
Protein Families: Druggable Genome

Protein Pathways: Long-term depression

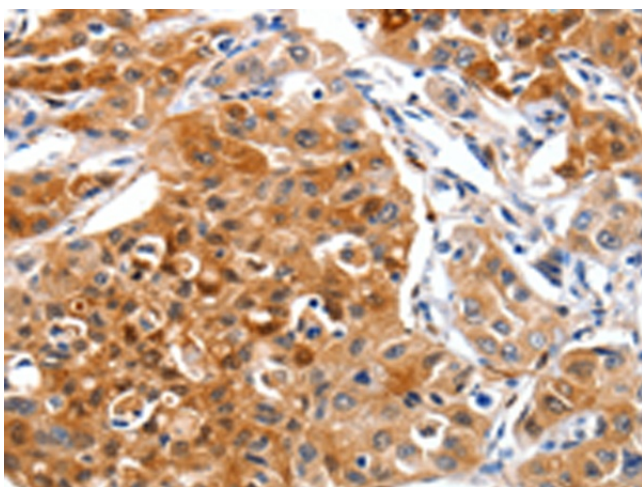
**Product images:**



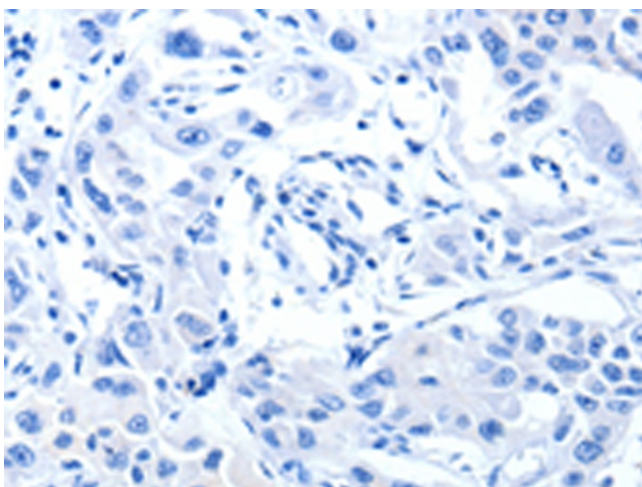
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA321432] (GNAZ Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA321432] (GNAZ Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321432] (GNAZ Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321432] (GNAZ Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )