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Product datasheet for TA321431

GNAZ Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human fetal brain and brain malignant glioma, mouse brain tissue IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human guanine nucleotide binding protein (G protein), alpha z polypeptide
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	G protein subunit alpha z
Database Link:	NP_002064 Entrez Gene 14687 MouseEntrez Gene 25740 RatEntrez Gene 2781 Human P19086

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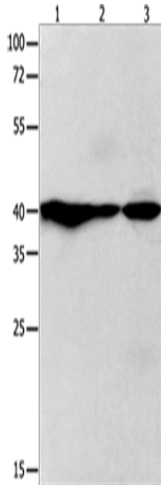
Background: Guanine nucleotide-binding protein G(z) subunit alpha is a protein that in humans is encoded by the GNAZ gene. The protein encoded by this gene is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systms. This encoded protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids.

Synonyms: alpha z polypeptide; guanine nucleotide binding protein; guanine nucleotide binding protein (G protein); transducin alpha

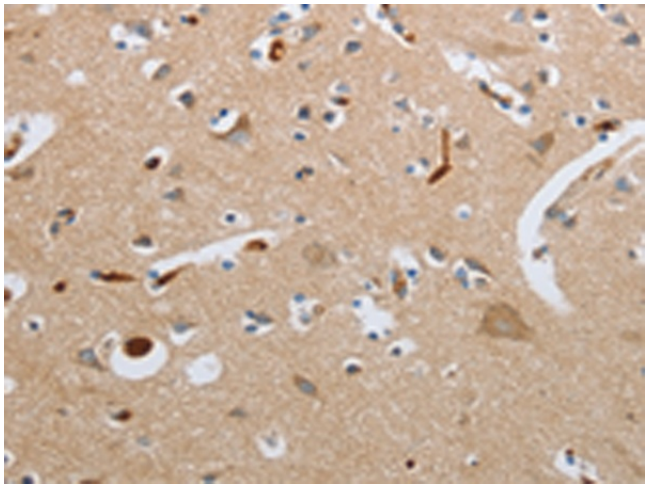
Protein Families: Druggable Genome

Protein Pathways: Long-term depression

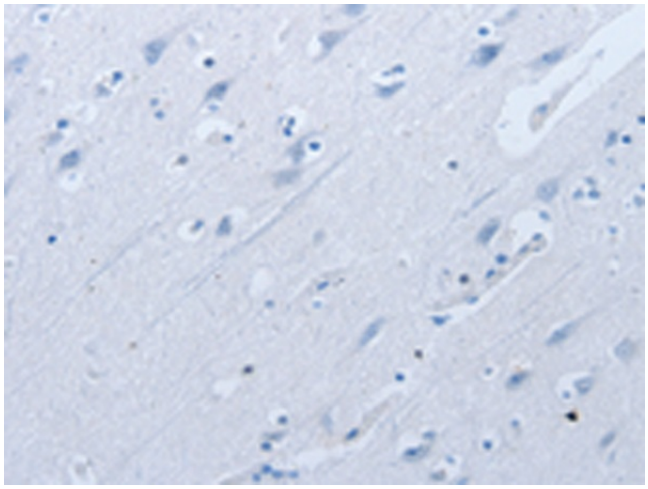
Product images:



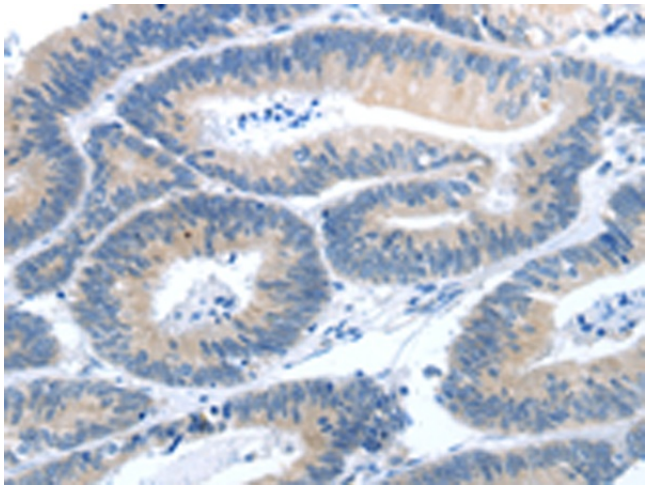
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-3: Human fetal brain tissue
Human brain malignant glioma tissue
mouse brain tissue
Primary antibody: TA321431 (GNAZ Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



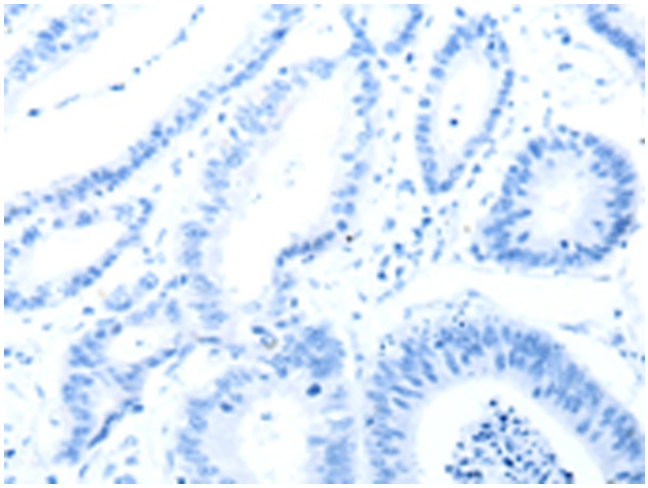
Immunohistochemistry of paraffin-embedded Human brain tissue using TA321431 (GNAZ Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA321431 (GNAZ Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA321431 (GNAZ Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA321431 (GNAZ Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)