

Product datasheet for TA321432

GNAZ Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human brain 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 ₃ , 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.
Gene Name:	G protein subunit alpha z
Database Link:	NP_002064 Entrez Gene 14687 Mouse Entrez Gene 25740 Rat Entrez Gene 2781 Human P19086
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.



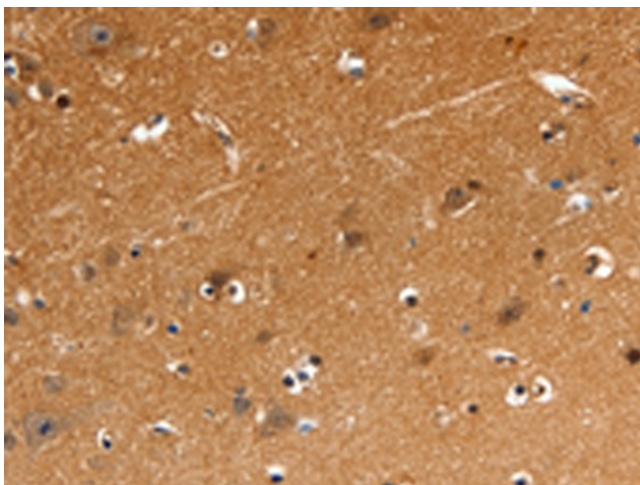
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Synonyms: alpha z polypeptide; guanine nucleotide binding protein; guanine nucleotide binding protein (G protein); transducin alpha

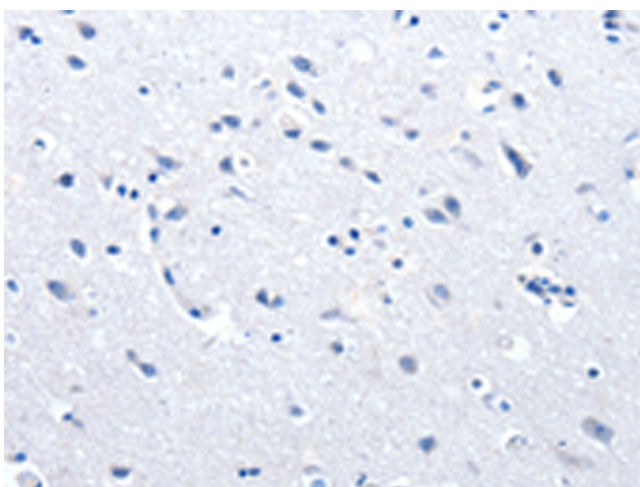
Protein Families: Druggable Genome

Protein Pathways: Long-term depression

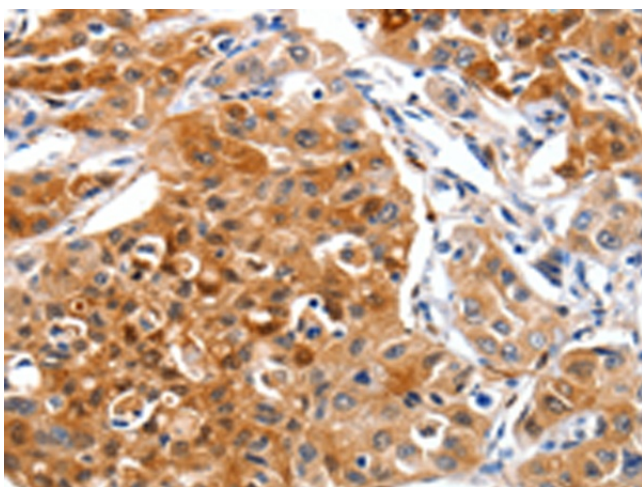
Product images:



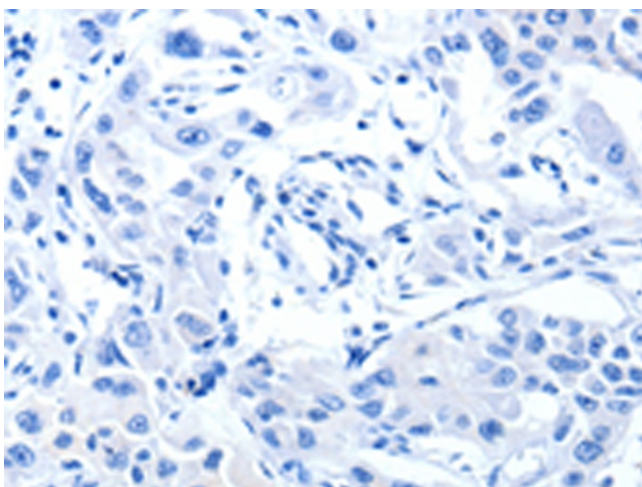
Immunohistochemistry of paraffin-embedded Human brain tissue using TA321432 (GNAZ Antibody) at dilution 1/25 (Original magnification: ×200)



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