

Rabbit Gz-alpha Polyclonal Antibody | anti-GNAZ antibody

Gz-alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320754	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

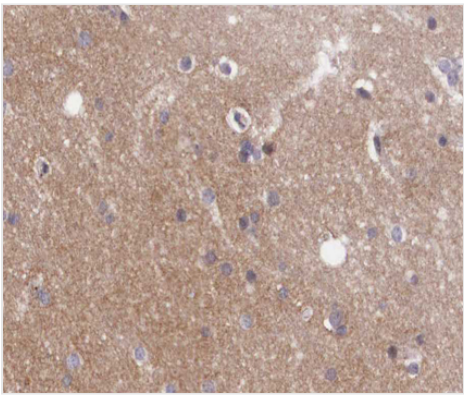
PRODUCT SYNONYMS

Gz-alpha; Polyclonal Antibody; Gz-alpha Antibody; G(x) alpha chain; GNAZ; GNAZ_HUMAN; Guanine nucleotide binding protein (G protein) alpha z polypeptide; Guanine nucleotide binding protein G(z) alpha subunit G(x) alpha chain; Guanine nucleotide binding protein G(z) subunit alpha; Guanine nucleotide-binding protein G(z) subunit alpha; Gz alpha; Human Gx alpha gene; Transducin alpha; anti-GNAZ antibody

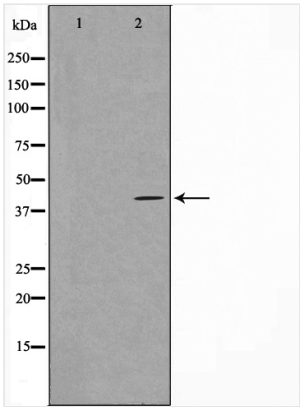
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Gz-alpha antibody detects endogenous levels of total Gz-alpha
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	355
Applicable Applications for anti-GNAZ antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Gz-alpha
Subcellular Location	Membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA320754 at 1/200 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis on COS7 cell lysate using Gz-alpha Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GNAZ antibody	Description: G-alpha(z) Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site. Belongs to the G-alpha family. G(i/o/t/z) subfamily. Note: This description may include information from UniProtKB. Function: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Subunit Structure: G-proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site. Interacts with ADGRB2 (PubMed:28891236). Similarity: Belongs to the G-alpha family. G(i/o/t/z) subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504051
NCBI GeneID	2781
NCBI Accession #	NP_002064.1
NCBI GenBank Nucleotide #	NM_002073.3
UniProt Accession #	P19086; Q4Q RJ6; B2R6C1
Molecular Weight	Observed: 41 kDa Predicted: 41 kDa
NCBI Official Full Name	guanine nucleotide-binding protein G(z) subunit alpha
NCBI Official Synonym Full Names	G protein subunit alpha z
NCBI Official Symbol	GNAZ
NCBI Official Synonym Symbols	gz-alpha
NCBI Protein Information	guanine nucleotide-binding protein G(z) subunit alpha
UniProt Protein Name	Guanine nucleotide-binding protein G(z) subunit alpha
UniProt Gene Name	GNAZ

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

