

Datasheet for ABIN1532672  
**anti-GNaZ antibody (AA 1-50)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	GNaZ
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNaZ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Gz-alpha.
Isotype:	IgG
Specificity:	Gz-alpha Antibody detects endogenous levels of total Gz-alpha protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	GNaZ
Alternative Name:	Gz-alpha ( <a href="#">GNaZ Products</a> )
Background:	Synonyms: G(x) alpha, GNAZ, guanine nucleotide binding protein (G protein) alpha z, guanine

## Target Details

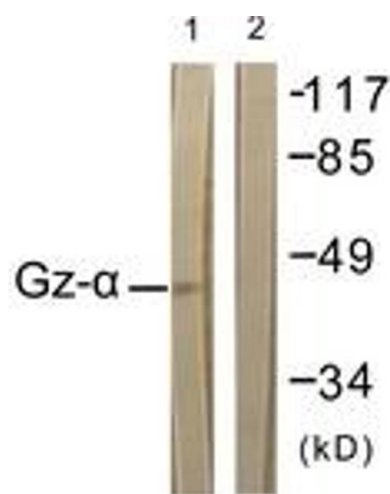
	nucleotide-binding protein G(z), alpha, Gz-alpha NCBI Gene Symbol: GNAZ
Molecular Weight:	40 kDa
Gene ID:	2781
OMIM:	139160
UniProt:	<a href="#">P19086</a>
Pathways:	<a href="#">G-protein mediated Events</a>

## Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.584760 (NCBI Gene Symbol: GNAZ)
Restrictions:	For Research Use only

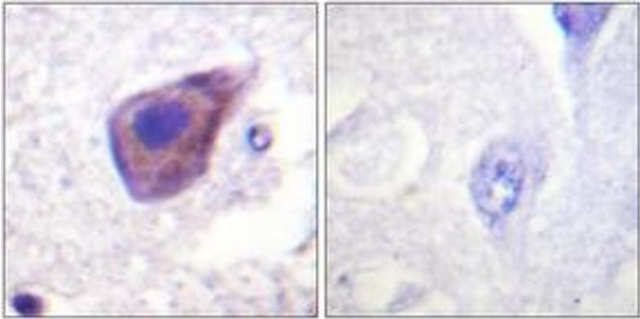
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

**Image 1.** Western blot analysis of extracts from COS7 cells, treated with PMA 125ng/ml 30', using Gz-alpha (Ab-16) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Gz-alpha (Ab-16) Antibody. The picture on the right is treated with the synthesized peptide.