

GNAS Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3217a**Specification**

GNAS Antibody (internal region) - Product Information

Application	WB
Primary Accession	P84996
Other Accession	NP_000507.1 , NP_001070956.1 , NP_001070957.1 , 2778 , 14683 (mouse) , 24896 (rat)
Reactivity	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	67948

GNAS Antibody (internal region) - Additional Information**Gene ID** 2778**Other Names**

Protein ALEX, Alternative gene product encoded by XL-exon, GNAS (HGNC:4392)

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GNAS Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GNAS Antibody (internal region) - Protein Information**Name** GNAS ([HGNC:4392](#))**Function**

May inhibit the adenylyl cyclase-stimulating activity of guanine nucleotide-binding protein G(s) subunit alpha which is produced from the same locus in a different open reading frame.

Cellular Location

Cell membrane; Peripheral membrane protein. Cell projection, ruffle. Note=Predominantly associated with cell membrane ruffles.

GNAS Antibody (internal region) - Protocols

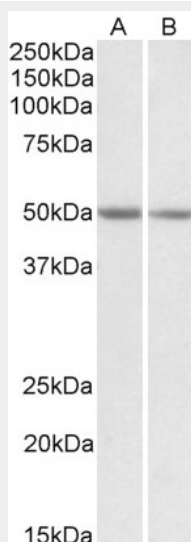
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GNAS Antibody (internal region) - Images



AF3217a (1 µg/ml) staining of Jurkat lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3217a (0.1 µg/ml) staining of Mouse Brain (Lane 1) and Rat Brain (lane 2) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

GNAS Antibody (internal region) - Background

This antibody is expected to recognize all three reported isoforms NP_000507.1, NP_001070956.1 and NP_536350.2. However, in Mouse it is expected to recognize reported isoforms GNASL (NP_963910.1) and XLas (NP_034439.2) only.

GNAS Antibody (internal region) - References

Prevalence of TSH receptor and Gsalpha mutations in 45 autonomously functioning thyroid nodules in Japan. Nishihara E, Amino N, Maekawa K, Yoshida H, Ito M, Kubota S, Fukata S, Miyauchi A, Endocrine journal 2009 Dec 56 (6): 791-8. PMID: 19550078