

Goat GNAS Polyclonal Antibody | anti-GNAS antibody

Goat anti-GNAS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61496	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Cow	Western Blot, ELISA

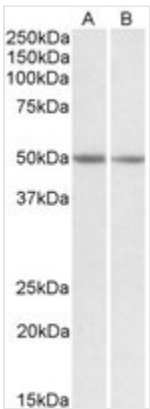
PRODUCT SYNONYMS

GNAS; Polyclonal Antibody; Goat anti-GNAS Antibody; GNAS complex locus; AHO; C20orf45; GNAS1; GPSA; GSA; GSP; MGC33735; NESP; PHP1A; PHP1B; POH; dJ309F20.1.1; dJ806M20.3.3; OTTHUMP00000031742; OTTHUMP00000196026; OTTHUMP00000196030; adenylate cyclase-stimulating G alpha protein; guanine nucleotide bi; adenylate cyclase-stimulating G alpha protein antibody; AHO antibody; C20orf45 antibody; dJ309F20.1.1 antibody; GNAS complex locus antibody; GNAS1 antibody; GPSA antibody; GSA antibody; GSP antibody; MGC33735 antibody; NESP antibody; OTTHUMP00000031742 antibody; OTTHUMP00000196026 antibody; OTTHUMP00000196030 antibody; PHP1A antibody; PHP1B antibody; POH antibody; GNAS antibody; anti-GNAS antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QAARSNSDGE KATK
Sequence Length	394
Applicable Applications for anti-GNAS antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QAARSNSDGEKATK, from the internal region of the protein sequence according to NP_000507.1; NP_001070956.1; NP_001070957.1.
Epitope	Internal region
Note	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.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



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



WB (Western Blot)
1ug/ml staining of Jurkat lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504047
NCBI GeneID	2778
NCBI Accession #	NP_000507.1; NP_001070956.1; NP_001070957.1
NCBI GenBank Nucleotide #	NM_000516.5
Molecular Weight	111,025 Da
NCBI Official Full Name	protein GNAS isoform GNASL
NCBI Official Synonym Full Names	GNAS complex locus
NCBI Official Symbol	GNAS
NCBI Official Synonym Symbols	AHO; GSA; GSP; POH; GPSA; NESP; SCG6; SgVI; GNAS1; C20orf45
NCBI Protein Information	protein ALEX; protein GNAS; protein SCG6 (secretogranin VI)
UniProt Protein Name	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short
UniProt Gene Name	GNAS
UniProt Synonym Gene Names	GNAS1; GSP
UniProt Entry Name	GNAS2_HUMAN

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.