

Rabbit anti-Human GNAS Polyclonal Antibody | anti-GNAS antibody

GNAS Antibody

CATALOG # AAA234442	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

GNAS; Polyclonal Antibody; GNAS Antibody; Protein ALEX; Alternative gene product encoded by XL-exon; anti-GNAS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	626
Applicable Applications for anti-GNAS antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Protein ALEX protein (310-404AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MCF-7 cells with AAA234442 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, HepG2 whole cell lysate
All lanes: GNAS antibody at 3.4ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 68 KDa
Observed band size: 68 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-GNAS antibody	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.
Product Categories/Family for anti-GNAS antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938768
NCBI GeneID	2778
NCBI Accession #	NP_001070958.1
NCBI GenBank Nucleotide #	NM_001077490.2
UniProt Accession #	P84996; A2A2S4; O95467; P63092; Q5JWF2
Molecular Weight	67,948 Da
NCBI Official Full Name	protein ALEX Alex
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; PITA3; C20orf45
NCBI Protein Information	protein ALEX; protein GNAS; protein SCG6 (secretogranin VI)
UniProt Protein Name	Protein ALEX
UniProt Gene Name	GNAS

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnas-antibody-immunofluorescence-western-blot-elisa/234442>