

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

Rabbit Polyclonal to Human GNAS

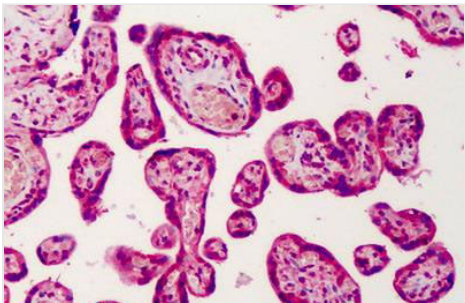
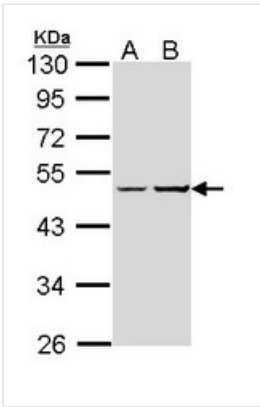
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52238	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

GNAS; Polyclonal Antibody; Rabbit Polyclonal to Human GNAS; Anti-GNAS Antibody IHC-plus; AHO; C20orf45; Extra large alphas protein; GSP; GNAS complex locus; GNASXL; NESP; PHP1B; PHP1C; PHP1A; POH; SCG6; XLalphas; GNAS1; GPSA; GSA; NESP55; Protein ALEX; Secretogranin VI; Human GNAS; anti-GNAS antibody

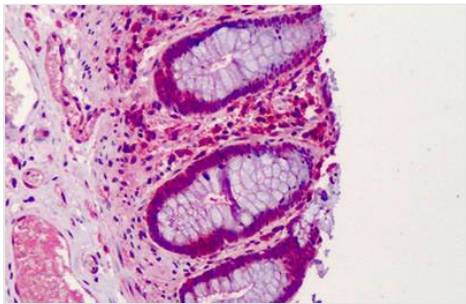
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Human GNAS. Predicted cross-reactivity based on amino acid sequence homology: mouse (88%), rat (100%), bovine (100%), pig (90%).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.1 M Tris-glycine, pH 7, 10% Glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	1037
Applicable Applications for anti-GNAS antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 164 and 394 of Human GNAS.
Immunogen Type	Recombinant protein
Immunogen	GNAS antibody was raised against recombinant protein fragment containing a sequence corresponding to a region within amino acids 164 and 394 of Human GNAS.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



IHC (Immunohistochemistry)
Anti-GNAS antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Sample (30 ug of whole cell lysate). A: Hep G2. B: Raji. 10% SDS PAGE. GNAS antibody diluted at 1:1000.



IHC (Immunohistochemistry)
Anti-GNAS antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GNAS antibody	The GNAS1 gene encodes the alpha subunit of the G protein Gs, which couples receptor binding by several hormones to activation of adenylate cyclase (Hayward et al., 1998). This locus has a highly complex imprinted expression pattern. It gives rise to maternally, paternally, and biallelically expressed transcripts that are derived from four alternative promoters and 5' exons.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117938759
NCBI GeneID	2778
NCBI Accession #	NP_536350.2
NCBI GenBank Nucleotide #	NM_080425.2
UniProt Accession #	Q5JWF2; O75684; O75685; Q5JW67; Q5JWF1; Q9NY42; A2A2S3; E1P5G3; O95467; P63092; P84996
Molecular Weight	45,665 Da
NCBI Official Full Name	protein GNAS isoform XLas
NCBI Official Synonym Full Names	GNAS complex locus
NCBI Official Symbol	GNAS
NCBI Official Synonym Symbols	AHO; GSA; GSP; POH; GPSA; NESP; GNAS1; PHP1A; PHP1B; PHP1C; C20orf45

NCBI Protein Information	protein ALEX; protein GNAS; protein NESP55; secretogranin VI; extra large alphas protein; neuroendocrine secretory protein; guanine nucleotide regulatory protein; alternative gene product encoded by XL-exon; adenylate cyclase-stimulating G alpha protein; guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas; guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1
UniProt Protein Name	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas
UniProt Gene Name	GNAS
UniProt Synonym Gene Names	; XLalphas
UniProt Entry Name	GNAS1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnas-antibody-western-blot-immunohistochemistry-elisa/52238>