

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

XLalphas antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307831	Rabbit	Human	Immunohistochemistry, Western Blot

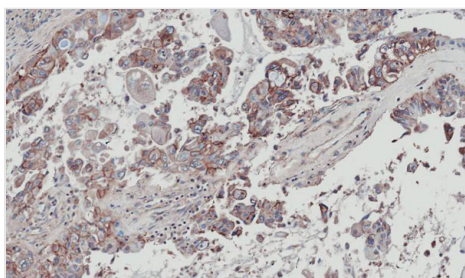
PRODUCT SYNONYMS

XLalphas; Polyclonal Antibody; XLalphas antibody; AHO; C20orf45; GNAS1; GPSA; GSA; GSP; MGC33735; PHP1A; PHP1B; POH; dJ309F20.1.1; dJ806M20.3.3; anti-XLalphas antibody

PRODUCT SPECIFICATIONS

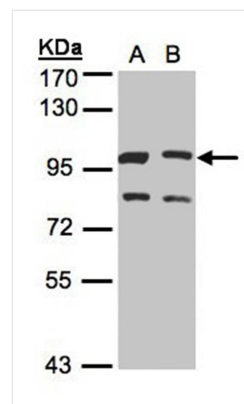
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	1037
Applicable Applications for anti-XLalphas antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 716 and 968 of Human GNAS
Target Name	XLalphas
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded OVCA, using GNAS antibody at 1: 100 dilution.



Application Data

Sample(30 ug whole cell lysate)A: A431B: Hep G2 7.5% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-XLalphas antibody	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. Some transcripts contains a differentially methylated region (DMR) at their 5' exons, and this DMR is commonly found in imprinted genes and correlates with transcript expression. An antisense transcript is produced from an overlapping locus on the opposite strand. One of the transcripts produced from this locus, and the antisense transcript, are paternally expressed noncoding RNAs, and may regulate imprinting in this region. In addition, one of the transcripts contains a second overlapping ORF, which encodes a structurally unrelated protein - Alex. Alternative splicing of downstream exons is also observed, which results in different forms of the stimulatory G-protein alpha subunit, a key element of the classical signal transduction pathway linking receptor-ligand interactions with the activation of adenylyl cyclase and a variety of cellular reponses. Multiple transcript variants encoding different isoforms have been found for this gene. Mutations in this gene result in pseudohypoparathyroidism type 1a, pseudohypoparathyroidism type 1b, Albright hereditary osteodystrophy, pseudopseudohypoparathyroidism, McCune-Albright syndrome, progressive osseus heteroplasia, polyostotic fibrous dysplasia of bone, and some pituitary tumors. [provided by RefSeq]
Product Categories/Family for anti-XLalphas antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938759
NCBI GeneID	2778
NCBI Accession #	NP_536350
NCBI GenBank Nucleotide #	NM_080425.3
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; 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 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://www.aaabiotech.com/polyclonal/xlalphas-antibody-immunohistochemistry-western-blot-elisa/307831>