

DNAxPAb

Hard-to-Find
Antibody

GNS DNAxPab

Catalog # H00002799-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GNS DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRLPLAPGRLRRGSPRHLPS CSPALLLLVLGGCLGVFGVAAGTRRPNVLLLTDDQDEVLGGM TPLKKTALIGEMGMTFSSAYVPSALCCPSRASILTGKYPHNHHVVNNTLEGNCSSKSWQKIQEP NTFPAILRSMCGYQTF FAGKYLNEYGAPDAGGLEHVPLGWSYWYALEKNSKYNYTLSINGKARK HGENYSVDYLTDLANVSLDFLDYKSNFEPFFMMIATPAPHSPWTAAPQYQKAFQNVFAPRNKN FNIHG TNKHWLIRQA KTPMTNSSIQFLDNAFRKRWQTLLSVDDLVEKLVKRLFTGELNNTYIFYTS DNGYHTGQFSLPIDKRQLYEFDIKVPLLVRGPGIKPNQTSKMLVANIDLGPTILDIAGYDLNKTQMDG MSLLPILRGASNL TWRSDVLE YQQGEGRNVTDP TCPSLSPGVSQC FPDVCEDAYNNTYACVRT MSALWNLQYCEFD DQEVFVEVYNLTADPDQITNAKTIDPELLGKMNYRLMMLQSCSGPTCRTPG VFDPGYRFD PRLMFSNRG SVRTRRFSK HLL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GNS

Entrez GeneID [2799](#)

GeneBank Accession# [NM_002076.2](#)

Protein Accession# [NP_002067.1](#)

Gene Name GNS

Gene Alias G6S, MGC21274

Gene Description glucosamine (N-acetyl)-6-sulfatase

Omim ID [252940 607664](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparan sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder mucopolysaccharidosis type III D (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome. [provided by RefSeq]

Other Designations N-acetylglucosamine-6-sulfatase|glucosamine-6-sulfatase

Pathway

- [Glycosaminoglycan degradation](#)
- [Lysosome](#)
- [Metabolic pathways](#)