

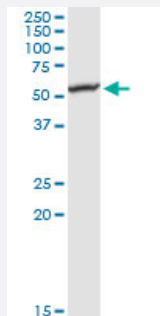
MaxPab®

GNS purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002799-D01P

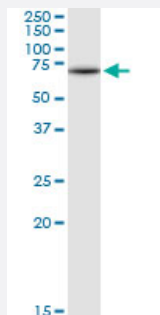
Size 100 ug

Applications



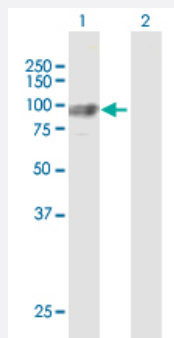
Western Blot (Tissue lysate)

GNS MaxPab rabbit polyclonal antibody. Western Blot analysis of GNS expression in human liver.



Western Blot (Tissue lysate)

GNS MaxPab rabbit polyclonal antibody. Western Blot analysis of GNS expression in mouse kidney.



Western Blot (Transfected lysate)

Western Blot analysis of GNS expression in transfected 293T cell line ([H00002799-T02](#)) by GNS MaxPab polyclonal antibody.

Lane 1: GNS transfected lysate(62.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GNS protein.

Immunogen	GNS (NP_002067.1, 1 a.a. ~ 552 a.a) full-length human protein.
Sequence	MRLPLAPGRLRRGSPRHLPSCSPALLLLVLGGCLGVFGVAAGTRRPNVVLLLTDDQDEVLGGM TPLKKTALIGEMGMTFSSAYVPSALCCPSRASILTGYPHNHHVVNNTLEGNCSSKSWQKIQEP NTFPAILRSMCGYQTFFAGKYLNEYGAPDAGGLEHVPLGWSYWYALEKNSKYNYTLSINGKARK HGENYSVDYLTDLANVSLDFLDYKSNFEPFFMMIATPAPHSPWTAAPQYQKAFQNVFAPRNKN FNIHGTNKHWRIRQAKTPMTNSSIQFLDNAFRKRWQTLLSVDDLVEKLVKRLEFTGELNNYIFYTS DNGYHTGQFSLPIDKRQLYEFDIKVP LLVRGPGIKPNQTSKMLVANIDLGP TILDIAGYDLNKTQMDG MSLLPILRGASNLWRSDDLVEYQGEGRNVTDP TCPSLSPGVSQCFPDCVCE DAYNNYACVRT MSALWNLQYCEFDQEVFVEVYNLTADPDQITNIAKTIDPELLGKMNYRLMMLQSCSGPTCRTPG VFDPGYRFDPRLMFSNRGSRTRRFSKHL
Host	Rabbit
Reactivity	Human, Mouse
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 (Tissue lysate)

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[Protocol Download](#)

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GNS MaxPab rabbit polyclonal antibody. Western Blot analysis of GNS expression in mouse kidney.

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- Western Blot (Transfected lysate)

Western Blot analysis of GNS expression in transfected 293T cell line ([H00002799-T02](#)) by GNS MaxPab polyclonal antibody.

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[Protocol Download](#)

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](#)