

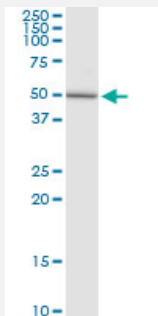
MaxPab®

GALNS purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002588-D01P

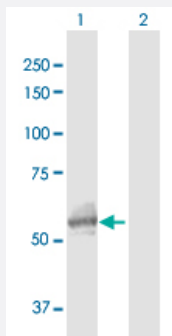
Size 100 ug

Applications



Western Blot (Tissue lysate)

GALNS MaxPab rabbit polyclonal antibody. Western Blot analysis of GALNS expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of GALNS expression in transfected 293T cell line ([H00002588-T01](#)) by GALNS MaxPab polyclonal antibody.

Lane 1: GALNS transfected lysate(58.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

GALNS (NP_000503.1, 1 a.a. ~ 522 a.a) full-length human protein.

Sequence	MAAVVAATRWWQLLLVLSAAGMGASGAPQPPNILLLLMDDMGWGLGVYGEPSRETPNLDRM AAEGLLPNFYSANPLCSPSRAALLTGRLPIRNGFYTTNAHARNA YTPQENVGGIPDSEQLLPELLK KAGYVSKIVGKWHLGHRPQFHPLKHGFDEWFGSPNCHFGPYDNKARPNI PVYRDWEMVGRYYE EFPINLKTGEANLTQYLQEALDFIKRQARHHPFFLYWAVDATHAPVYASKPFLGTSQRGRYDAV REIDDSIGKILELLQDLHVADNTFVFFTS DNGAALISAPEQGGSNGPFLCGKQTTFEGGMREPALA WWPGHVTAGQVSHQLGSIMDLFTTSLALAGLTPPSDRAIDGLNLLPTLLQGRLMDRPIFYRGDTL MAATLGQHKAHFWTWTNSWENFRQGIDFCPGQNVSGVTTHNLEDHTKLPLIFHLGRDPGERFPL SFASAEYQEALSRTSVVQQHQEALVPAQPQLNVCNWAVMNWAPPGCEKLGKCLTPPESIPKK CLWSH
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (85)
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.

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[Protocol Download](#)

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Gene Info — GALNS

Entrez GeneID	2588
GeneBank Accession#	NM_000512.3
Protein Accession#	NP_000503.1

Gene Name	GALNS
Gene Alias	FLJ17434, FLJ42844, FLJ98217, GALNAC6S, GAS, MPS4A
Gene Description	galactosamine (N-acetyl)-6-sulfate sulfatase
Omim ID	253000
Gene Ontology	Hyperlink
Gene Summary	This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder. [provided by RefSeq]
Other Designations	chondroitinase

Pathway

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

Disease

- [Tobacco Use Disorder](#)