

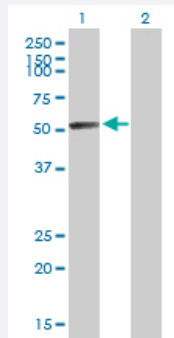
MaxPab®

GALNS purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002588-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

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

Lane1: GALNS transfected lysate (57.42 kDa).

Lane2: Non-transfected lysate.

Specification

Product Description

Mouse 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
AAEGLLPNFYSANPLCSPSRAALLTGRLPIRNGFYTTNAHARNAYTPQEIVGGIPDSEQLPELLK
KAGYVSKIVGKWHLGHRPQFHPLKHGFDEWFGSPNCHFGPYDNKARNIPVYRDWEMVGRYYE
EFPINLKTGEANLTQYLQEALDFIKRQARHHPFFLYWAVDATHAPVYASKPFLGTSQRGRYGDV
REIDDSIGKILELLQDLHVADNTFVFFTS DNGAALISAPEQGGSGNPFLCGKQTTFEGGMREPALA
WWPGHVTAGQVSHQLGSIMDLFTTSLALAGLTPPSDRAIDGLNLLPTLLQGRLMDRPIFYRGTDL
MAATLGQHKAHFWTWTNSWENFRQGIDFCPGQNVSGVTTHNLEDHTKLPLIFHLGRDPGERFPL
SFASAEYQEALSRITSVVQQHQEALVPAQPQLNVCNWAVMNWAPPGCEKLGKCLTPPESIPKK
CLWSH

Host

Mouse

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](#)

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](#)