

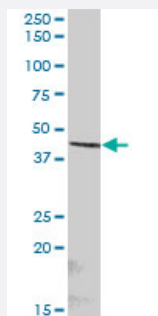
MaxPab®

ST6GALNAC2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010610-B01P

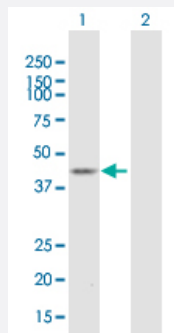
Size 50 ug

Applications



Western Blot (Tissue lysate)

ST6GALNAC2 MaxPab polyclonal antibody. Western Blot analysis of ST6GALNAC2 expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of ST6GALNAC2 expression in transfected 293T cell line ([H00010610-T01](#)) by ST6GALNAC2 MaxPab polyclonal antibody.

Lane 1: ST6GALNAC2 transfected lysate(41.14 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ST6GALNAC2 protein.

Immunogen

ST6GALNAC2 (AAH40455.1, 1 a.a. ~ 374 a.a) full-length human protein.

Sequence

MGLPRGSFFWLLLLLTAACSGLLFALYFSAVQRYPGPAAGARDTTSFEAFFQSKASNSWTGKGQ
ACRHLLHLAIQRHPHFRLFNLSIPVLLWGD LFTPALWDRLSQHKAPYGWRGLSHQVIASTLSLLN
GSESAKLFAPPRDTPPKCIRCAVVGNGGILNGSRQGPNIADHDYVFRNLGAVIKGFERDVGTKTSF
YGFTVNTMKNSLVSYWNLGFTSVPQGGDLQYIFPSDIRDYVMLRSAILGVPVPEGLDKGDRPHAY
FGPEASASKFKLLHPDFISYLTERFLKSKLINTHFGDLYMPSTGALMLLTALHTCDQVSAYGFITSNY
WKFSDDHYFERKMKPLIFYANHDL SLEAALWRDLHKAGILQLYQR

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (75)
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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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of ST6GALNAC2 expression in transfected 293T cell line ([H00010610-T01](#)) by ST6GALNAC2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — ST6GALNAC2

Entrez GeneID	10610
GeneBank Accession#	BC040455.1
Protein Accession#	AAH40455.1
Gene Name	ST6GALNAC2
Gene Alias	FLJ45660, SAIL1, SIAT7, SIAT7B, SIATL1, ST6GalNAII, STHM
Gene Description	ST6 (alpha-N-acetyl-neuraminy1-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyl transferase 2
Omim ID	610137
Gene Ontology	Hyperlink

Gene Summary

ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting (Samyn-Petit et al., 2000 [PubMed 10742600]).[supplied by OMIM]

Other Designations

(alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide B|(alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase|sialyltransferase 7|sialyltransferase 7 ((alpha-N-acetylneuraminy-2,3-be

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)