

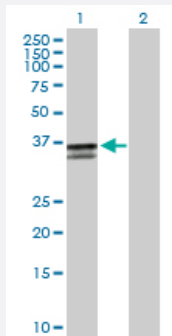
MaxPab®

ST3GAL2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006483-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ST3GAL2 expression in transfected 293T cell line ([H00006483-T01](#)) by ST3GAL2 MaxPab polyclonal antibody.

Lane 1: ST3GAL2 transfected lysate(38.5 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ST3GAL2 protein.
Immunogen	ST3GAL2 (NP_008858.1, 1 a.a. ~ 350 a.a) full-length human protein.
Sequence	MKCSLRVWFLSVAFLLVFIMSLIFTYSHHSMATLPYLD SGALD GTHR VKLVPGYAGLQRLSKERL SGKSCACRRCMGDAGASDWFD SHFDGNISPVWTRENMDLPPDVQRWWMMMLQPQFKSHNTNE VLEKLFQIVPGENPYRFRDPHQCRCAVVGN SGNLRGSGYGQDVGHNFMIRMNQAPT VGF EQ DVGSRTTHHFMYPE SAKNLPANVSFVLVPFKVLDLLWIASALSTGQIRFTYAPVKSFLRVDKEKVQ YNPAFFKYIHDRWTEHHGRYPSTGMLVLFFALHVCDEVNVYGF GADSRGNWHHYWENNR YAGE FRKTGVHDADFEAHIDMLAKASKIEVYRGN
Host	Mouse
Reactivity	Human
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 — ST3GAL2

Entrez GeneID [6483](#)

GeneBank Accession# [NM_006927.2](#)

Protein Accession# [NP_008858.1](#)

Gene Name ST3GAL2

Gene Alias Gal-NAc6S, SIAT4B, ST3GALII, ST3GalA.2

Gene Description ST3 beta-galactoside alpha-2,3-sialyltransferase 2

Omim ID [607188](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi but can be proteolytically processed to a soluble form. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4A. [provided by RefSeq]

Other Designations CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase|Gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase|alpha 2,3-ST|beta-galactoside alpha-2,3-sialyltransferase|sialyltransferase 4B (beta-galactosidase alpha-2,3-sialyltransferase)

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Glycosphingolipid biosynthesis - globo series](#)
- [Keratan sulfate biosynthesis](#)

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)