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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ST3GAL1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00006482-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human ST3GAL1 protein.

Immunogen: ST3GAL1 (NP_003024.1, 1 a.a. ~ 340 a.a) full-length human protein.

Sequence:
 MVTLRKRTLKVLTFVLVFIPLTSFFLNYSHTMVATTWFPKQMVLELSENL
 KRLIKHRPCTCTHCIGQRKLSAWFDERFNQTMQPLLTAQNALLEDDTYR
 WWLRLQREKKPNLNDTIKELFRVVPGNVDPMLEKRSVGCRRCAVGN
 SGNLRESSYGPEIDSHDFVLRMKNKAPTAGFEADVGTKTTHHLVYPESFR
 ELGDMVSMILVFPKIDLEWVSAITGTISHTYIPVPAKIRVKQDKILYHPA
 FIKYVFDNWLQGHGRYPSTGILSVIFSMHVCDEVLDLYGFGADSKGNWHH
 YWENNPSAGAFRKTGVHDADFESNVTATLASINKIRIFKGR

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

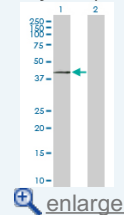
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

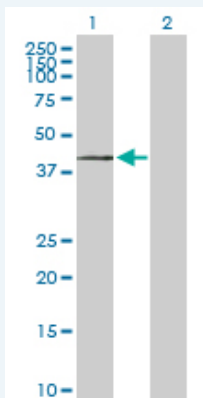
Application Image

Western Blot (Transfected lysate)



Applications

Western Blot (Transfected lysate)



Western Blot analysis of ST3GAL1 expression in transfected 293T cell line ([H00006482-T02](#)) by ST3GAL1 MaxPab polyclonal antibody.

Lane 1: ST3GAL1 transfected lysate(39.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Information

Entrez GeneID: [6482](#)

**GeneBank
Accession#:** [NM_003033.2](#)

**Protein
Accession#:** [NP_003024.1](#)

Gene Name: ST3GAL1

Gene Alias: DKFZp666E036,DKFZp779K2051,FLJ36548,Gal-NAc6S,MGC9183,SIAT4A,SIATFL,ST3GalA,ST3GalA.1,ST3GalIA,ST3GalIA.1,ST3O

**Gene
Description:** ST3 beta-galactoside alpha-2,3-sialyltransferase 1

Omim ID: [607187](#)

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. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet. [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,sialyltransferase 4A (beta-galactosidase alpha-2,3-sialyltransferase),sialyltransferase 4A (beta-galactoside alpha-2,3-sialy

Gene Pathway

[Glycosphingolipid biosynthesis - ganglio series](#)
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[Metabolic pathways](#) [O-Glycan biosynthesis](#)

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