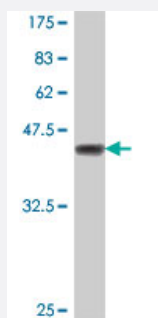


ST3GAL1 polyclonal antibody (A01)

Catalog # H00006482-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ST3GAL1.
Immunogen	ST3GAL1 (NP_003024, 29 a.a. ~ 128 a.a) partial recombinant protein with GST tag.
Sequence	SHTMVATTWFPKQMVLELSENLRLIKHRPCTCTHCIGQRKLSAWFDERFNQTMQPLLTAQNALL EDDTYRWWLRLQREKKPNNLNDTIKELFRVVPGNV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ST3GAL1

Entrez GeneID	6482
GeneBank Accession#	NM_003033
Protein Accession#	NP_003024
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-sialyl

Pathway

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

- [O-Glycan biosynthesis](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)