

MaxPab®

ST3GAL4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006484-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ST3GAL4 protein.
Immunogen	ST3GAL4 (ACE87320.1, 1 a.a. ~ 333 a.a) full-length human protein.
Sequence	MVSKSRWKLLAMLALVLVVMVWYSISREDRYELFYFPIPEKKEPCLQGEAESKASKLFGNYSRD QPIFLRLLEDYFWVKTPSAYELPYGTKGSEDLRLRLAITSSSIPKNIQSLRCRRCVVVGNGHRLRNS SLGDANKYDVVIRLNNAPVAGYEGDVGSKTTMRLFYFSAHFDPKVENNPDTLLVLVAFKAMDF HWIETILSDKKRVRKGFWKQPPLWDVNPQIRILNPFMEIAADKLLSLPMQQPRKIKQKPTTGLL AITLALHLCDLVHIAGFGYPDAYNKKQTIHYEQITLKSMAGSGHNVSQEALAIKRMLEMGAIKNLTS F
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — ST3GAL4

Entrez GeneID	6484
GeneBank Accession#	EU831802.1
Protein Accession#	ACE87320.1
Gene Name	ST3GAL4
Gene Alias	CGS23, FLJ11867, FLJ46764, NANTA3, SAT3, SIAT4, SIAT4C, ST3GalIV, STZ
Gene Description	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
Omim ID	104240
Gene Ontology	Hyperlink
Gene Summary	Synthesis of alpha-2,3-linked sialic acid to Gal(beta-1,3)GalNAc is mediated by at least 3 distinct beta-galactoside alpha-2,3-sialyltransferases (EC 2.4.99.4), including ST3GAL4. In contrast, only a single gene encodes the beta-galactoside alpha-2,6-sialyltransferase (EC 2.4.99.1), ST6GAL1 (MIM 109675) (Chang et al., 1995 [PubMed 7655169]).[supplied by OMIM]
Other Designations	alpha-3-N-acetylneuraminyltransferase sialyltransferase 4C (beta-galactosidase alpha-2,3-sialyltransferase) sialyltransferase 4C (beta-galactoside alpha-2,3-sialyltransferase)

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Keratan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)