

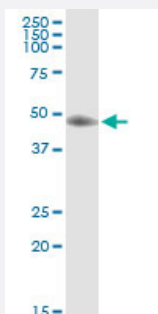
MaxPab®

# ST3GAL3 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006487-D01

Size 100 uL

## Applications



### Immunoprecipitation

Immunoprecipitation of ST3GAL3 transfected lysate using anti-ST3GAL3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ST3GAL3 purified MaxPab mouse polyclonal antibody (B01P) ([H00006487-B01P](#)).

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Rabbit polyclonal antibody raised against a full-length human ST3GAL3 protein.                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                     | ST3GAL3 (NP_777624.1, 1 a.a. ~ 390 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                    |
| Sequence                      | MGLLVFVRNLLLALCLFLVLGFLYSAWKLHLLQWEEDSSKYSHSSSPQEKPVADSVVLSFDSA<br>GQTLGSEYDRLGFLNLDSKLPAELATKYANFSEGACKPGYASALMTAIFPRFSKPAPMFLDDSF<br>RKWARIREFVPPFGIKGQDNLIKAILSVTKEYRLTPALDSLRCRRCIIVGNGGVLANKSLGSRIDDYDI<br>VVRLNSAPVKGFVKDVGSKTTLRITYPEGAMQRPEQYERDSLFLAGFKWQDFKWLKYVYKERV<br>SASDGFWKS VATRVPKEPPEIRILNPYFIQEAFTLIGLPFNNGLMGRGNIPTLGSVAVTMALHGCD<br>EVAVAGFGYDMSTPNAPLHYETVRMAAIKESWTHNIQREKEFLRKLVKARVITDLSSGI |
| Host                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Interspecies Antigen Sequence | Mouse (93); Rat (93)                                                                                                                                                                                                                                                                                                                                                                                                  |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                               |
| Storage Buffer                | No additive                                                                                                                                                                                                                                                                                                                                                                                                           |

## Storage Instruction

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

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[Protocol Download](#)

## Gene Info — ST3GAL3

Entrez GeneID [6487](#)

GeneBank Accession# [NM\\_174964.1](#)

Protein Accession# [NP\\_777624.1](#)

Gene Name ST3GAL3

Gene Alias SIAT6, ST3GALII, ST3GalIII, ST3N

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

Omim ID [606494](#)

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 apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase[Gal beta-1,3(4)GlcNAc alpha-2,3 sialyltransferase|OTTHUMP00000008811|OTTHUMP00000008812|OTTHUMP00000008820|OTTHUMP00000008821|OTTHUMP00000008822|OTTHUMP00000008823|ST3Gal II|alpha 2

## Pathway

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

- [Metabolic pathways](#)

## Disease

- [Tobacco Use Disorder](#)