

Product Datasheet

ST3 beta-Gal alpha-2,3-Sialyltransferase 1/ST3GAL1/SIAT4A Antibody - Azide and BSA Free H00006482-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00006482-B01P

Updated 2/21/2025 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00006482-B01P



H00006482-B01P

ST3 beta-Gal alpha-2,3-Sialyltransferase 1/ST3GAL1/SIAT4A Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

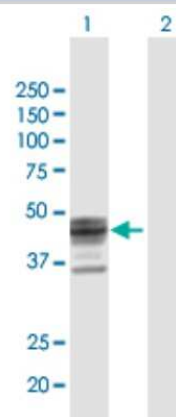
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	6482
Gene Symbol	ST3GAL1
Species	Human
Specificity/Sensitivity	ST3GAL1 - ST3 beta-galactoside alpha-2,3-sialyltransferase 1,
Immunogen	ST3GAL1 (NP_003024.1, 1 a.a. - 340 a.a.) full-length human protein. MVTLRKRTLKVLTLFLVLFILTSFFLNYSHTMVATTWFPKQMVLELSENLRLIK HRPCTCTHCIGQRKLSAWFDERFNQTMQPLLT AQNALLEDDTYRWWLRLQRE KKPNNLNDTIKELFRVVPGNVDPMLEKRSVGCRRCAVVGNSGNLRESSYGPEI DSHDFVLRMNKAPTAGFEADVGTKTTHHLVYPESFRELGDNVSMILVPFKTIDL EWWVSAITTG TISHTYIPVPAKIRVKQDKILIYHPAFIKYVFDNWLQGHGRYPSTG ILSVIFSMHVCDEV DLYGFGADSKGNWHHYWENNPSAGAFRKTGVHDADFES NVTATLASINKIRIFKGR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.



Images

Western Blot: ST3 beta-Gal alpha-2,3-Sialyltransferase 1/ST3GAL1/SIAT4A Antibody [H00006482-B01P] - Analysis of ST3GAL1 expression in transfected 293T cell line by ST3GAL1 polyclonal antibody. Lane 1: ST3GAL1 transfected lysate(37.4 KDa). Lane 2: Non-transfected lysate.



Publications

Petrosyan A, Casey CA, Cheng PW. The role of Rab6a and phosphorylation of non-muscle myosin IIA tailpiece in alcohol-induced Golgi disorganization. *Sci Rep* 2016-08-18 [PMID: 27535804]

Petrosyan A, Cheng PW. Golgi fragmentation induced by heat shock or inhibition of heat shock proteins is mediated by non-muscle myosin IIA via its interaction with glycosyltransferases. *Cell Stress Chaperones*. 2013-08-30 [PMID: 23990450]

Petrosyan A, Ali MF, Cheng PW. Keratin 1 plays a critical role in Golgi localization of Core 2 N-acetylglucosaminyltransferase M via interaction with its cytoplasmic tail. *J Biol Chem*. 2015-01-20 [PMID: 25605727]

Petrosyan Armen, Holzapfel Melissa S, Muirhead David E, Cheng Pi-Wan. Restoration of compact Golgi morphology in advanced prostate cancer enhances susceptibility to galectin-1-induced apoptosis by modifying mucin O-glycan synthesis. *Mol Cancer Res*. 2014-08-01 [PMID: 25086069]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00006482-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-87045PEP	ST3 beta-Gal alpha-2,3-Sialyltransferase 1/ST3GAL1/SIAT4A Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00006482-B01P

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

