

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.

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H00006482-B01P

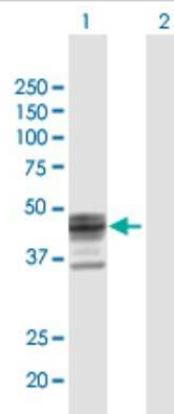
ST3 beta-Gal alpha-2,3-Sialyltransferase 1/ST3GAL1/SIAT4A Antibody - Azide and BSA Free

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. MVTLRKRTLKVLTLFLVLFIFLTSFFLNYSHTMVATTWFPKQMVLELSENLRKLIK HRPCTCTHCIGQRKLSAWFDERFNQTMQPLLTAQNALLEDDTYRWWLRLQRE KKPNNLNDTIKELFRVVPGNVDPMLEKRSVGCRRCAVVGNSGNLRESSYGPEI DSHDFVLRMNKAPTAGFEADVGTKTTHHLVYPESFRELGDNVSMILVPFKTIDL EWWVSAITGTISHTYIPVPAKIRVKQDKILYHPAFIKYVFDNWLQGHGRYPSTG ILSVIFSMHVCDEVDLYGFGADSKGNWHHYWENNPSAGAFRKTGVHDADFES 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]



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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.

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