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ARG41940
anti-ST8Sia2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ST8Sia2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ST8Sia2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 24-160 of Human ST8Sia2 (NP_006002.1).
Conjugation	Un-conjugated
Alternate Names	Sialyltransferase 8B; Sialyltransferase X; ST8SIA-II; SIAT8B; HsT19690; Alpha-2,8-sialyltransferase 8B; ST8SiaII; EC 2.4.99.-; SIAT8-B; STX; Sialyltransferase St8Sia II

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Mouse lung
Observed Size	~ 42 kDa

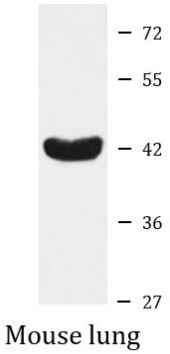
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ST8SIA2
Gene Full Name	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2
Background	The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29. [provided by RefSeq, Jul 2008]
Function	May transfer sialic acid through alpha-2,8-linkages to the alpha-2,3-linked and alpha-2,6-linked sialic acid of N-linked oligosaccharides of glycoproteins and may be involved in PSA (polysialic acid) expression. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Golgi apparatus membrane; Single-pass type II membrane protein. [UniProt]

Images



ARG41940 anti-ST8Sia2 antibody WB image

Western blot: 25 µg of Mouse lung lysate stained with ARG41940 anti-ST8Sia2 antibody at 1:1000 dilution.