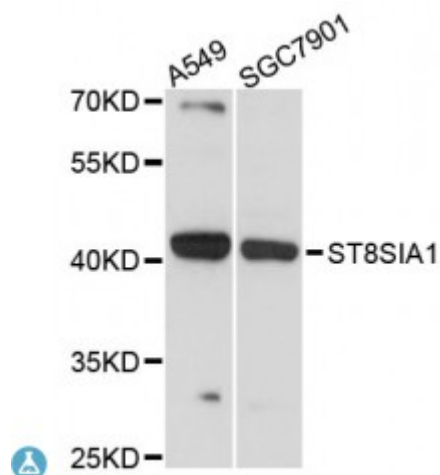


Anti-ST8SIA1 Antibody



Description

Gangliosides are membrane-bound glycosphingolipids containing sialic acid. Ganglioside GD3 is known to be important for cell adhesion and growth of cultured malignant cells. The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to GM3 to produce gangliosides GD3 and GT3. The encoded protein may be found in the Golgi apparatus and is a member of glycosyltransferase family 29. Alternatively spliced transcript variants have been found for this gene.

Model	STJ116365
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 49-270 of human ST8SIA1 (NP_003025.1).
Gene ID	6489
Gene Symbol	ST8SIA1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Strongly expressed in melanoma cell lines, adult and fetal brain and to a lesser extent in adult and fetal lung
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Alpha-N-acetylneuraminide alpha-2,8-sialyltransferase

Molecular Weight	40.519 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:10869OMIM:601123Reactome:R-HSA-4085001
Alternative Names	Alpha-N-acetylneuraminide alpha-2,8-sialyltransferase
Function	Involved in the production of gangliosides GD3 and GT3 from GM3
Cellular Localization	Golgi apparatus membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com