ST3GAL1 antibody

Catalog No: #22094

Description



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product Name	ST3GAL1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Ни
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 165 of
	Human ST3GAL1
Target Name	ST3GAL1
Other Names	Gal-NAc6S
Accession No.	Swiss-Prot:Q11201Gene ID:6482
Uniprot	Q11201
GenelD	6482;
Concentration	0.63mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a
	preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

redicted MW: 39kd	
Vestern blotting: 1:500-1:3000	
nmunohistochemistry: 1:100-1:250	
nmunofluorescence: 1:100-1:200	

Images



Sample(30 ug of whole cell lysate) A: HeLa S3 12% SDS PAGE Primary antibody diluted at 1: 500



Immunohistochemical analysis of paraffin-embedded serous OVCA, using ST3GAL1 antibody at 1: 100 dilution.



Immunofluorescence analysis of methanol-fixed Hep3B, using SIAT4A antibody at 1: 500 dilution.

Background

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 but can be proteolytically processed to a soluble form. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet. [provided by RefSeq]

Note: This product is for in vitro research use only