

For Research Use Only

ST8SIA1 Polyclonal antibody, PBS Only

Catalog Number: 24918-1-PBS

Featured Product



Basic Information

Catalog Number:

24918-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20429

GenBank Accession Number:

BC126162

GeneID (NCBI):

6489

UNIPROT ID:

Q92185

Full Name:

ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1

Calculated MW:

356 aa, 41 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

Background Information

ST8SIA1 is a member of the ST family involved in the production of gangliosides. ST8SIA1 is strongly expressed in melanoma cell lines, adult and fetal brain, and to a lesser extent in adult and fetal lung. The abnormal expression of ST8SIA1 has been demonstrated to influence the metastasis of triple-negative breast cancer. (PMID: 34429775)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

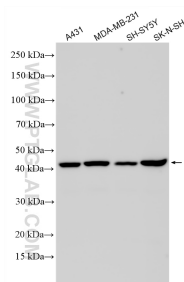
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

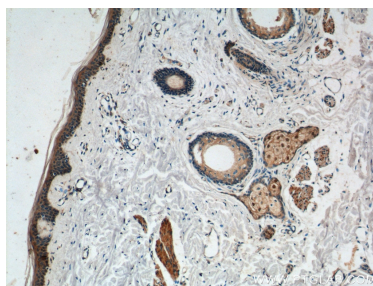
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

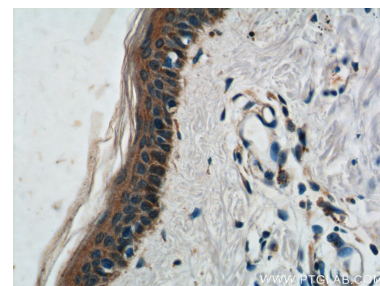
Selected Validation Data



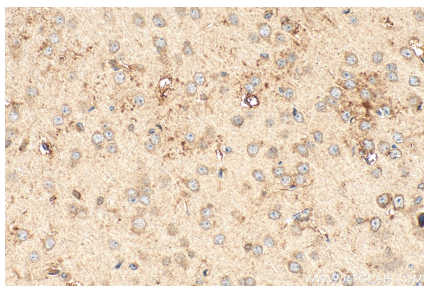
Various lysates were subjected to SDS PAGE followed by western blot with 24918-1-AP (ST8SIA1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24918-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 24918-1-AP (ST8SIA1 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 24918-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 24918-1-AP (ST8SIA1 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 24918-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24918-1-AP (ST8SIA1 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24918-1-PBS in a different storage buffer formulation.