

For Research Use Only

ST8SIA1 Polyclonal antibody

Catalog Number: 24918-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 24918-1-AP	GenBank Accession Number: BC126162	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 6489	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:50-1:500
Source: Rabbit	Full Name: ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1	
Isotype: IgG	Calculated MW: 356 aa, 41 kDa	
Immunogen Catalog Number: AG20429	Observed MW: 43 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB: A431 cells, SH-SY5Y cells, MDA-MB-453s cells, A375 cells, MCF-7 cells
Species Specificity: human	IHC: human skin tissue,
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Norihiko Sasaki	36313564	Front Cell Dev Biol	WB
Huihui Ren	36267574	Front Physiol	IHC
Romela Irene Ramos	32358995	Mol Oncol	IF

Storage

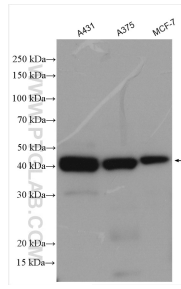
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

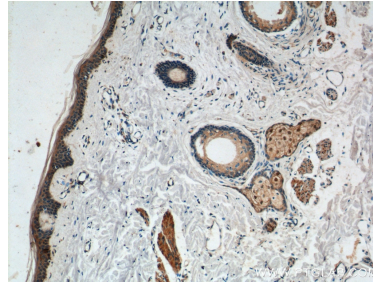
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

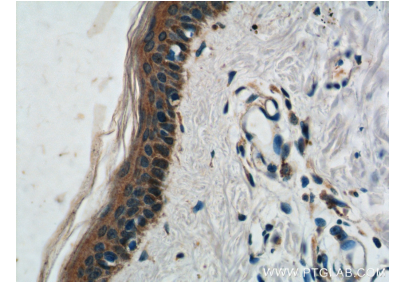
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24918-1-AP (ST8SIA1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 24918-1-AP (ST8SIA1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 24918-1-AP (ST8SIA1 Antibody) at dilution of 1:200 (under 40x lens).