

For Research Use Only

ST8SIA2-Specific Polyclonal antibody



Catalog Number: 19736-1-AP

4 Publications

Basic Information

Catalog Number:

19736-1-AP

Size:

150ul, Concentration: 133 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006011

GeneID (NCBI):

8128

UNIPROT ID:

Q92186

Full Name:

ST8 alpha-N-acetyl-neuraminidase alpha-2,8-sialyltransferase 2

Calculated MW:

42 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000
IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB : mouse heart tissue,

IHC : human heart tissue, human skin tissue

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

ST8SIA2, also named as SIAT8B and STX, belongs to the glycosyltransferase 29 family. ST8SIA2 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. The antibody is specific to ST8SIA2.

Notable Publications

Author	Pubmed ID	Journal	Application
Jiaxing Yang	36605200	Front Immunol	IHC
Natalia Lobanovskaya	26319680	Brain Res	WB
Küllli Jaako	27566163	J Cell Sci	WB,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

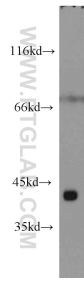
For technical support and original validation data for this product please contact:

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

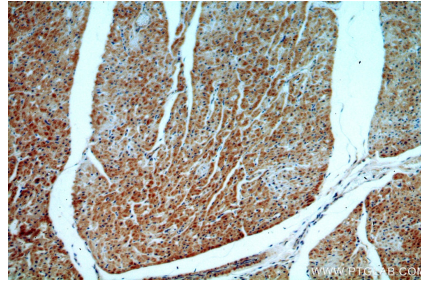
E: proteintech@ptglab.com
W: ptglab.com

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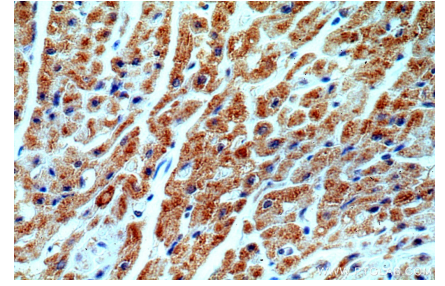
Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 19736-1-AP (ST8SIA2-Specific antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 19736-1-AP (ST8SIA2-Specific antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 19736-1-AP (ST8SIA2-Specific antibody) at dilution of 1:50 (under 40x lens).