

For Research Use Only

# ST8SIA2-Specific Polyclonal antibody



Catalog Number: 19736-1-AP

4 Publications

## Basic Information

**Catalog Number:**

19736-1-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_006011

**GeneID (NCBI):**

8128

**UNIPROT ID:**

Q92186

**Full Name:**

ST8 alpha-N-acetyl-neuraminide  
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:**

WB, IF, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse

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

**Positive Controls:**

WB : mouse heart tissue,

IHC : human heart tissue, human skin tissue

## 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

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

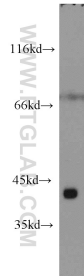
T: 4006900926

E: Proteintech-CN@ptglab.com

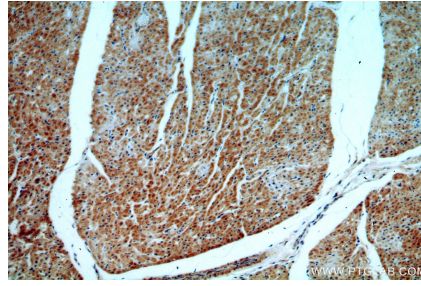
W: ptgcn.com

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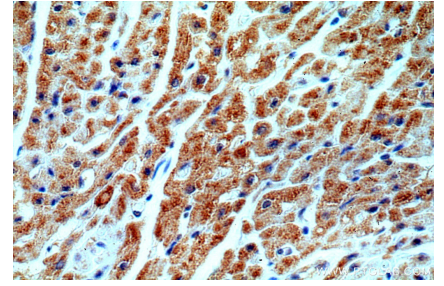
## Selected Validation Data



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).