

For Research Use Only

ST6GALNAC1 Polyclonal antibody

Catalog Number: 15363-1-AP

4 Publications



Basic Information

Catalog Number:

15363-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8062

GenBank Accession Number:

BC022462

GeneID (NCBI):

55808

UNIPROT ID:

Q9NSC7

Full Name:

ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylglucosaminide alpha-2,6-sialyltransferase 1

Calculated MW:

69 kDa

Observed MW:

66-69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

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 colon tissue, mouse small intestine tissue, rat colon tissue, rat small intestine tissue

IHC : human skin tissue,

Background Information

ST6GALNAC1 encodes a sialyltransferase that acts as a catalyst for the synthesis of cancer-related sialylTn (sTn) antigen critical for cell mobility. ST6GALNAC1 was overexpressed in gastric, breast and prostate cancer cell lines, inducing sTn expression.

Notable Publications

Author	Pubmed ID	Journal	Application
Thomas G Biel	35402630	Mol Ther Methods Clin Dev	WB
Mohammed Saqif Ahmad	39348343	PLoS One	IHC
Xinyue Dong	39111624	J Adv Res	WB

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:

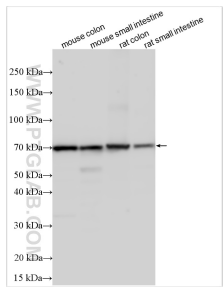
T: 4006900926

E: Proteintech-CN@ptglab.com

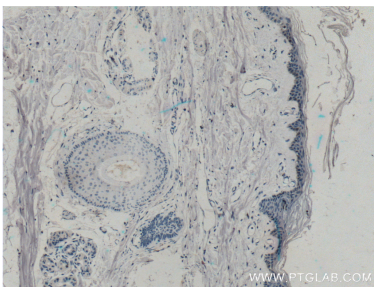
W: ptgcn.com

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

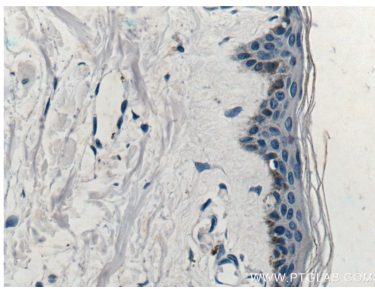
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15363-1-AP (ST6GALNAC1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 15363-1-AP (ST6GALNAC1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 15363-1-AP (ST6GALNAC1 Antibody) at dilution of 1:200 (under 40x lens).