

For Research Use Only

ST6GALNAC1 Polyclonal antibody, PBS Only

Catalog Number: 15363-1-PBS



Basic Information

Catalog Number:

15363-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8062

GenBank Accession Number:

BC022462

GeneID (NCBI):

55808

UNIPROT ID:

Q9NSC7

Full Name:

ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1

Calculated MW:

69 kDa

Observed MW:

66-69 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

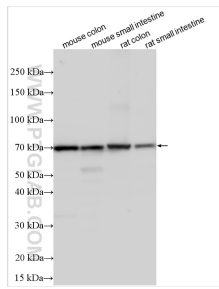
For technical support and original validation data for this product please contact:

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

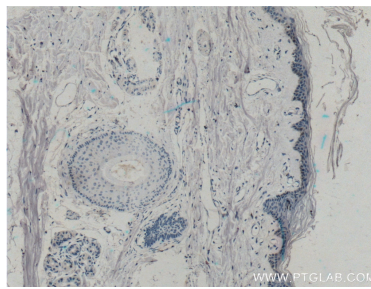
E: proteintech@ptglab.com
W: ptglab.com

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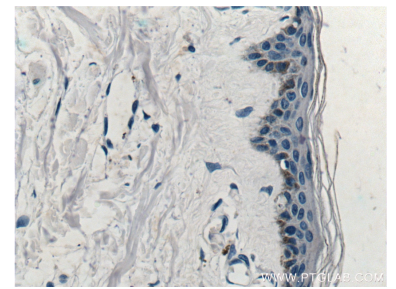
Selected Validation Data



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. This data was developed using the same antibody clone with 15363-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 15363-1-AP (ST6GALNAC1 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 15363-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 15363-1-AP (ST6GALNAC1 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 15363-1-PBS in a different storage buffer formulation.