

For Research Use Only

ST6GAL1 Polyclonal antibody

Catalog Number:34030-1-AP



Basic Information

Catalog Number:

34030-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5252

GenBank Accession Number:

NM_001113344.1

GeneID (NCBI):

25197

UNIPROT ID:

P13721-1

Full Name:

ST6 beta-galactosamide alpha-2,6-sialyltransferase 1

Calculated MW:

47 kDa

Observed MW:

43-45 kDa, 50-70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HCT 116 cells, mouse kidney tissue, rat kidney tissue

Background Information

ST6GAL1 (β -galactoside α -2-6 sialyl transferase1; also known as ST6N or CD75) is a sialyltransferase mediating the glycosylation of proteins and lipids to form functionally important glycoproteins and glycolipids in the Golgi compartment. It is principally expressed in liver, placenta, and skeletal muscle. ST6GAL1 undergoes proteolytic process to generate soluble form from membrane form. Higher molecular weight of bands around 50-70 kDa can also be observed with glycosylation modification. (PMID: 15049997, 23358684)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

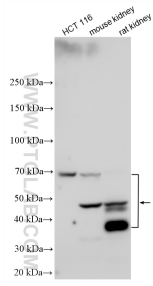
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E: Proteintech-CN@ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34030-1-AP (ST6GAL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.