

ST6GALNAC4 Polyclonal antibody

Catalog Number: 15654-1-AP

Basic Information

Catalog Number:

15654-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7995

GenBank Accession Number:

BC036705

GeneID (NCBI):

27090

UNIPROT ID:

Q9H4F1

Full Name:

ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4

Calculated MW:

34 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human

Positive Controls:

IP : HeLa cells,

Background Information

Alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3-N-acetyl-galactosaminide alpha-2,6-sialyltransferase (also known as ST6GALNAC4) is a member of the sialyltransferases, which catalyzes the transfer of sialic acid from cytidine monophosphate (CMP)-sialic acid to galactose-containing substrates. ST6GALNAC4 may be induced abnormal TGFBR2 glycosylation, resulting in the higher protein levels of TGFBR2 and TGF pathway increased activation (PMID: 37381011, 37034303). ST6GALNAC4 was reported to influence patient prognosis though subverting immunosurveillance in Chronic lymphocytic leukemia.

Storage

Storage:

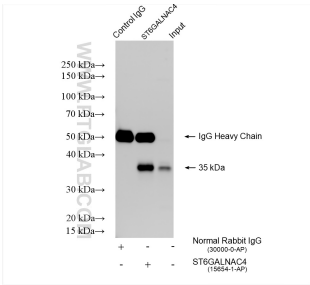
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



IP result of anti-ST6GALNAC4 (IP:15654-1-AP, 4ug;
Detection:15654-1-AP 1:300) with HeLa cells lysate
980 ug.