

ST6GAL1 Polyclonal Antibody

Catalog number: 14355-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

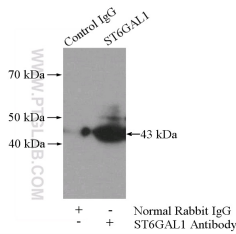
ST6GAL1; Alpha 2,6 ST 1, B cell

antigen CD75, CD75,

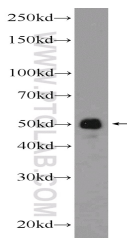
Sialyltransferase 1, SIAT1,

ST6Gal I, ST6GAL1, ST6GalI,

ST6N



IP Result of anti-ST6GAL1 (IP:14355-1-AP, 4ug; Detection:14355-1-AP 1:600) with Raji cells lysate 2800ug.



U-937 cells were subjected to SDS PAGE followed by western blot with 14355-1-AP(ST6GAL1 Antibody) at dilution of 1:600

Background

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. Western blot analysis of human liver using this antibody detects both isoforms between 43-50 kDa.

Applications

Tested applications:	ELISA, IP, WB
Species specificity:	Human, Mouse; other species not tested.
Calculated ST6GAL1 MW:	47 kDa
Observed ST6GAL1 MW:	50 kDa
Positive WB detected in	U-937 cells, human liver tissue, mouse skeletal muscle tissue, mouse spleen tissue, Raji cells
Positive IP detected in	Raji cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5705
GenBank accession number:	BC040009
Gene ID (NCBI):	6480
Full name:	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.