

ST3GAL1 polyclonal antibody

Catalog: BS74643

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi but can be proteolytically processed to a soluble form. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 37 kDa

Swiss-Prot:

Q11201

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:1000

IHC 1:50 - 1:200

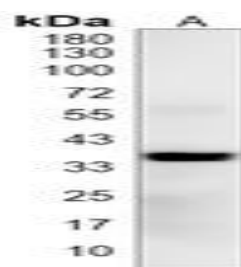
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

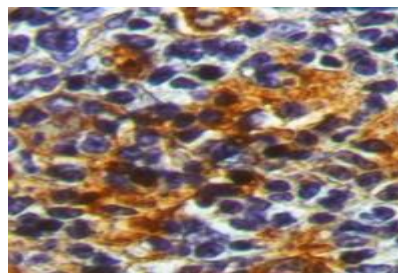
term. Avoid freeze-thaw cycles.

Specificity:

ST3GAL1 polyclonal antibody detects endogenous levels of ST3GAL1 protein.

DATA:

Western blot analysis of ST3GAL1 expression in HEK293T (A) whole cell lysates.



Immunohistochemical analysis of ST3GAL1 staining in human tonsil formalin fixed paraffin embedded tissue section.

Note:

For research use only, not for use in diagnostic procedure.

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