

ST3GAL3 Polyclonal Antibody

Catalog No. E-AB-61341

Note: Centrifuge before opening to ensure complete recovery of vial contents.

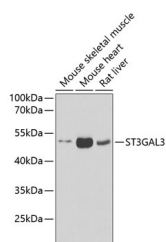
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human ST3GAL3 (NP_006270.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200

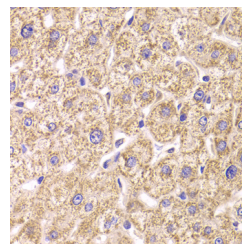
Data



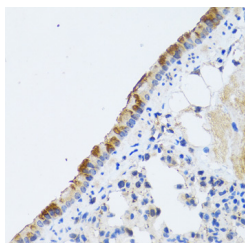
Western blot analysis of extracts of various cell lines using ST3GAL3 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:42kDa

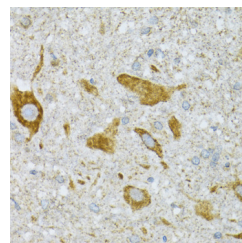
Calculated Mw:5kDa/8kDa/11-49kDa



Immunohistochemistry of paraffin-embedded Human liver damage using ST3GAL3 Polyclonal Antibody at dilution of 1:100 (40x lens).

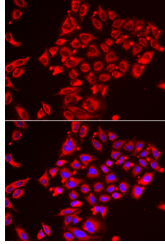


Immunohistochemistry of paraffin-embedded Rat lung using ST3GAL3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse spinal cord using ST3GAL3 Polyclonal Antibody at dilution of 1:100 (40x lens).

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Immunofluorescence analysis of HeLa cells using
ST3GAL3 Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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 apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Mutations in this gene have been associated with autosomal recessive nonsyndromic mental retardation-12 (MRT12). Multiple transcript variants encoding several different isoforms have been found for this gene.

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