

## ST3GAL3 antibody

Catalog No: #39153

Package Size: #39153-1 50ul #39153-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

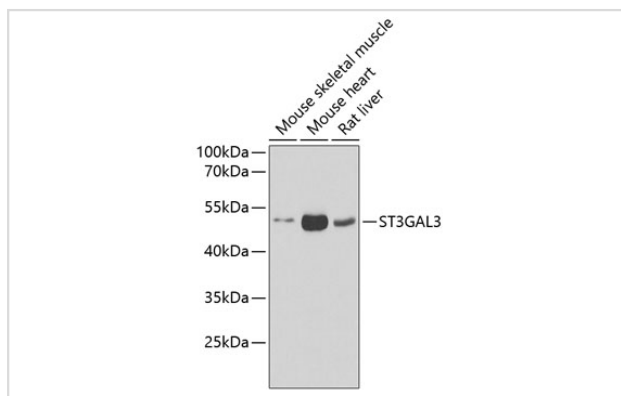
## Description

Product Name	ST3GAL3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ST3GAL3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ST3GAL3.
Target Name	ST3GAL3
Other Names	ST3N; MRT12; SIAT6; EIEE15; ST3GALII; ST3GalIII;
Accession No.	Swiss-Prot#: Q11203NCBI Gene ID: 6487
Uniprot	Q11203
GeneID	6487;
SDS-PAGE MW	42kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

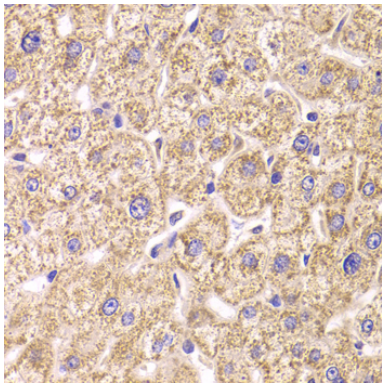
## Application Details

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

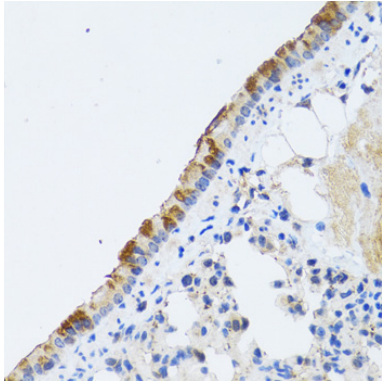
## Images



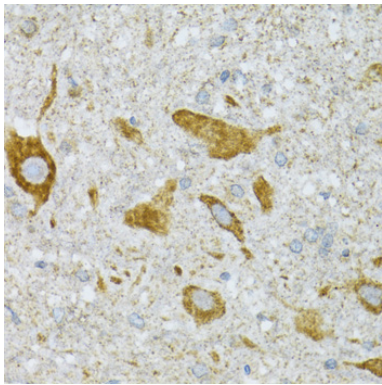
Western blot analysis of extracts of various cell lines, using ST3GAL3 at 1:1000 dilution.



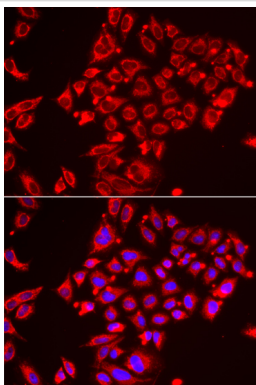
Immunohistochemistry of paraffin-embedded human liver damage using ST3GAL3 at dilution of 1:100 (40x lens).



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



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



Immunofluorescence analysis of HeLa cells using ST3GAL3 . Blue: DAPI for nuclear staining.

## 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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Note: This product is for in vitro research use only