

ST6GAL1 antibody

Catalog No: #38688



Package Size: #38688-1 50ul #38688-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

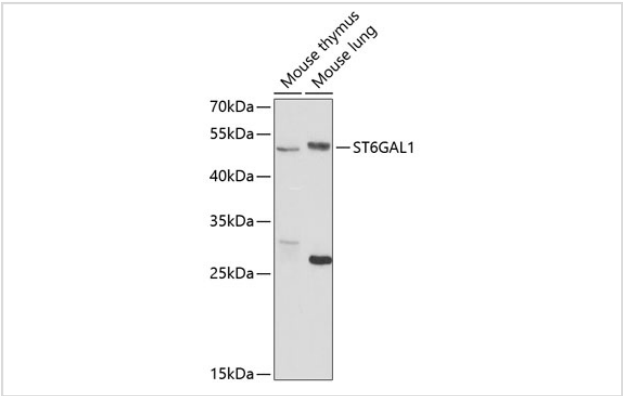
Description

Product Name	ST6GAL1 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 ST6GAL1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ST6GAL1.
Target Name	ST6GAL1
Other Names	ST6N; SIAT1; ST6Gall;
Accession No.	Swiss-Prot#: P15907NCBI Gene ID: 6480
Uniprot	P15907
GeneID	6480;
SDS-PAGE MW	47kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

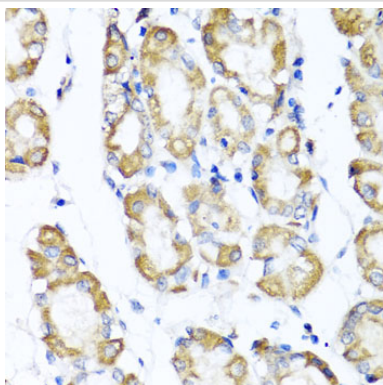
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:100IF 1:50 - 1:100

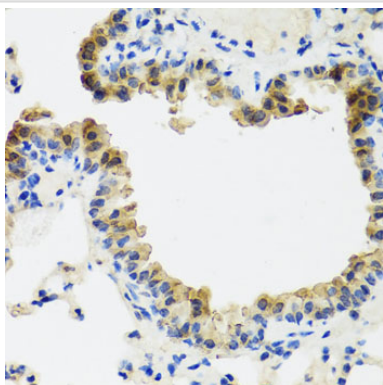
Images



Western blot analysis of extracts of various cell lines, using ST6GAL1 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human stomach using ST6GAL1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using ST6GAL1 at dilution of 1:100 (40x lens).

Background

This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Three transcript variants encoding two different isoforms have been described.

Note: This product is for in vitro research use only