abcam

Product datasheet

Anti-ST3GAL2 antibody ab96028

2 Abreviews 2 References 1 Image

Overview

Product name	Anti-ST3GAL2 antibody
Description	Rabbit polyclonal to ST3GAL2
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Cow
Immunogen	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 68 and 297 of Human ST3GAL2 (UniProt ID: Q16842).
Positive control	293T, A431, HeLaS3, HepG2, MOLT4, Raji and H1299 whole cell lysates
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab96028 in the following tested applications.

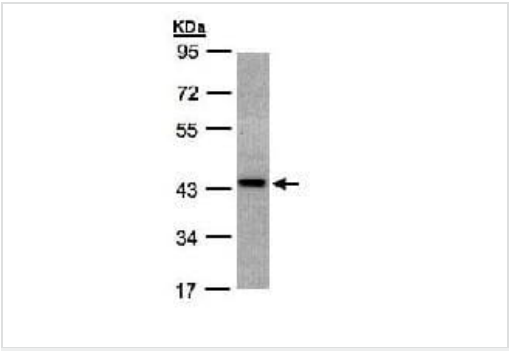
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 40 kDa.

Target

Function	It may be responsible for the synthesis of the sequence NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc- found in terminal carbohydrate groups of certain glycoproteins, oligosaccharides and glycolipids. SIAT4A and SIAT4B sialylate the same acceptor substrates but exhibit different Km values.
Tissue specificity	Highly expressed in skeletal muscle and heart and to a much lesser extent in brain, placenta, liver and pancreas. Scarcely detectable in lung and kidney.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyltransferase 29 family.
Post-translational modifications	The soluble form derives from the membrane form by proteolytic processing.
Cellular localization	Golgi apparatus > Golgi stack membrane. Secreted. Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid.

Images



Western blot - Anti-ST3GAL2 antibody (ab96028)

Anti-ST3GAL2 antibody (ab96028) at 1/1000 dilution + H1299 whole cell lysate at 30 µg

Predicted band size: 40 kDa

10% SDS-PAGE

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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