



Anti-A4GALT antibody ab203681

2 Images

Overview

Product name	Anti-A4GALT antibody
Description	Rabbit polyclonal to A4GALT
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	<p>Synthetic peptide within Human A4GALT aa 250-350 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.</p> <p>Database link: Q9NPC4</p> <div>  Run BLAST with  Run BLAST with </div>
Positive control	Human placenta and kidney tissues
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Proclin 300</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X</p>
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab203681 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
IHC-P		1/100 - 1/500. When using a fluorescent probe the recommended dilution is 1/50 – 1/200

Target

Function

Necessary for the biosynthesis of the Pk antigen of blood histogroup P. Catalyzes the transfer of galactose to lactosylceramide and galactosylceramide. Necessary for the synthesis of the receptor for bacterial verotoxins.

Tissue specificity

Ubiquitous. Highly expressed in kidney, heart, spleen, liver, testis and placenta.

Pathway

Protein modification; protein glycosylation.

Sequence similarities

Belongs to the glycosyltransferase 32 family.

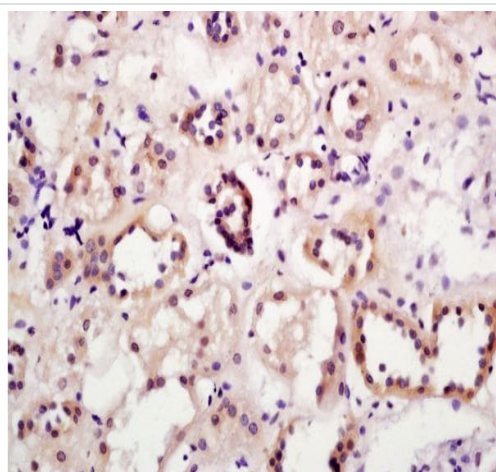
Domain

The conserved DXD motif is involved in enzyme activity.

Cellular localization

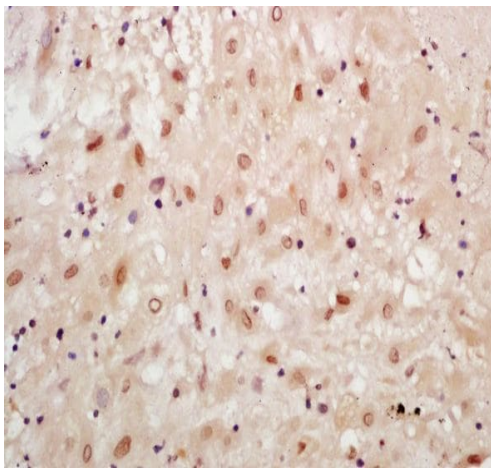
Golgi apparatus membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human kidney tissue labeling A4GALT using ab203681 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-A4GALT antibody (ab203681)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human placenta tissue labeling A4GALT using ab203681 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-A4GALT antibody (ab203681)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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