



Datasheet for ABIN873268
anti-A4GALT antibody (AA 291-353)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	A4GALT
Binding Specificity:	AA 291-353
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This A4GALT antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human A4GALT/CD77
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	A4GALT
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Target Details

Alternative Name: A4GALT ([A4GALT Products](#))

Background: Synonyms: Lactosylceramide 4-alpha-galactosyltransferase, Alpha-1,4-N-acetylglucosaminyltransferase, Alpha-1,4-galactosyltransferase, Alpha4Gal-T1, CD77 synthase, Globotriaosylceramide synthase, Gb3 synthase, P1/Pk synthase, UDP-galactose:beta-D-galactosyl-beta1-R 4-alpha-D-galactosyltransferase, A4GALT, A14GALT, A4GALT1
Background: 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.

Gene ID: 53947

UniProt: [Q9NPC4](#)

Application Details

Application Notes: ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

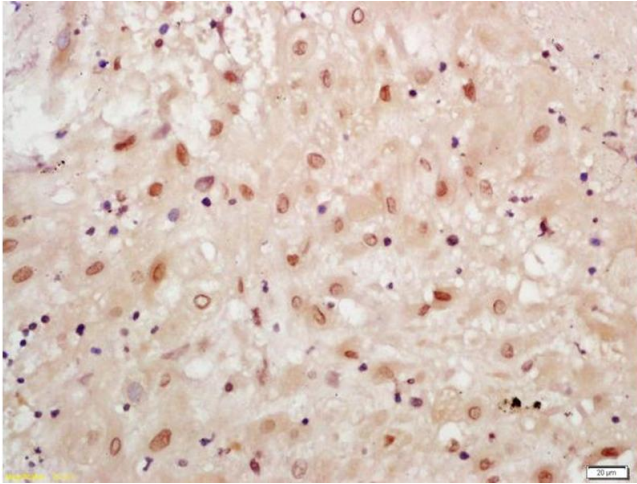
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

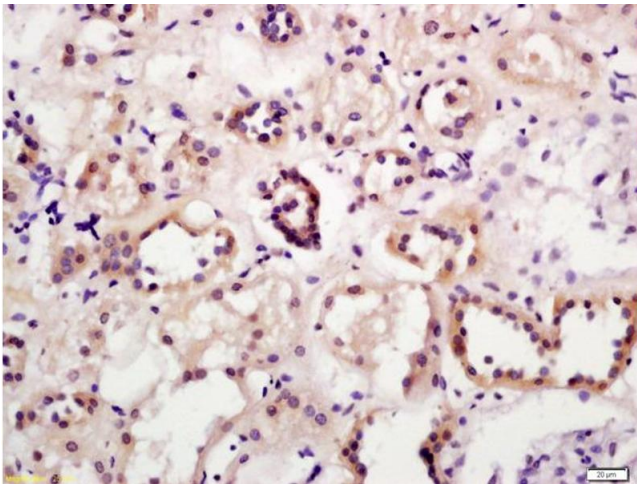
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



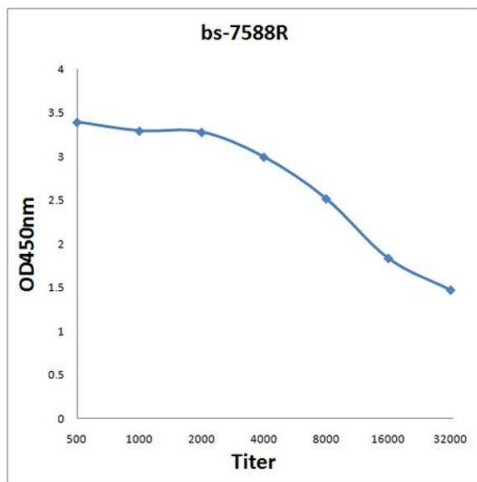
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human placenta labeled with Anti-A4GALT Polyclonal Antibody, Unconjugated (ABIN873268) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human kidney labeled with Anti-A4GALT Polyclonal Antibody, Unconjugated (ABIN873268) at 1:200 followed by conjugation to the secondary antibody and DAB staining



ELISA

Image 3. Antigen: 0.2 μg/100 μL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN873268.