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# Datasheet for ABIN7444751 anti-A4GALT antibody (AA 94-270)

2 Images



#### Overview

Quantity:	100 μL
Target:	A4GALT
Binding Specificity:	AA 94-270
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This A4GALT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Alpha-1,4-Galactosyltransferase (a4GALT)
Immunogen:	Recombinant Alpha-1,4-Galactosyltransferase (a4GALT) corresdonding to Thr94~Ile270
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against a4GALT. It has been selected for its ability to recognize a4GALT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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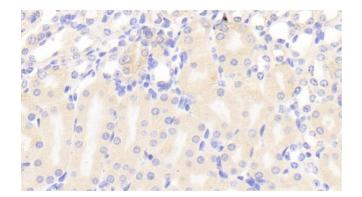
Target:	A4GALT
Alternative Name:	Alpha-1,4-Galactosyltransferase (A4GALT Products)
Background:	A4GALT, P1, A14GALT, A4GALT1, PK, Lactosylceramide 4-Alpha-Galactosyltransferase,
	Globotriaosylceramide Synthase, Gb3 synthase, P1/Pk synthase, CD77 Synthase

### Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at $37^\circ C$ for $48h$ , and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

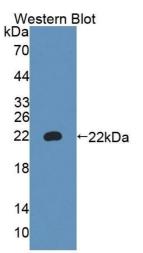
### Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Immunohistochemistry

Image 1. Detection of a4GALT in Mouse Kidney TissueusingPolyclonalAntibodytoAlpha-1,4-Galactosyltransferase (a4GALT)



#### Western Blotting

**Image 2.** Detection of Recombinant a4GALT, Mouse using Polyclonal Antibody to Alpha-1,4-Galactosyltransferase (a4GALT)

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