

Anti-A4GALT antibody

Cat. No.	ml261430
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-A4GALT rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human A4GALT
Reactivity	Human, Rat
Content	0.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	A4GALT
Full name	alpha 1,4-galactosyltransferase

Synonyms P1; PK; Gb3S; P(k); P1PK; A14GALT; A4GALT1

Swissprot Q9NPC4

Target Background

The protein encoded by this gene catalyzes the transfer of galactose to lactosylceramide to form globotriaosylceramide, which has been identified as the P(k) antigen of the P blood group system. The encoded protein, which is a type II membrane protein found in the Golgi, is also required for the synthesis of the bacterial verotoxins receptor.

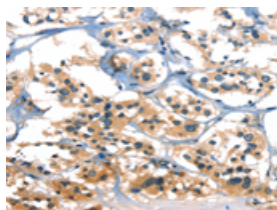
Applications

Immunohistochemistry

Predicted cell location: cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 15-50

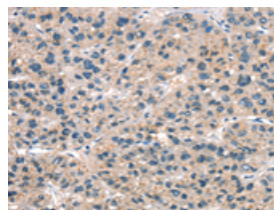


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml261430(A4GALT Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: cytoplasm

Positive control: Human liver cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261430(A4GALT Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 40 kDa

Positive control: Raji cell

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

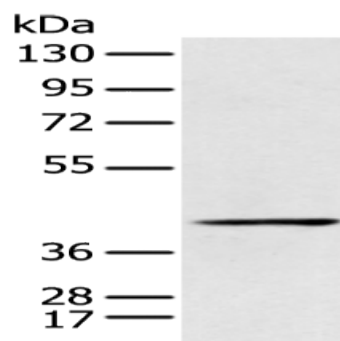
Lysate: 40 μ g

Lane: Raji cell

Primary antibody: ml261430(A4GALT Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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