

A4GALT Rabbit pAb

Catalog No.: A8817

Basic Information

Observed MW

45kDa

Calculated MW

40kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

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. This protein, a type II membrane protein found in the Golgi, is also required for the synthesis of the bacterial verotoxins receptor. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

53947

Swiss Prot

Q9NPC4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 244-353 of human A4GALT (NP_059132.1).

Synonyms

P1; PK; Gb3S; P(k); P1PK; A14GALT; A4GALT1; A4GALT

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

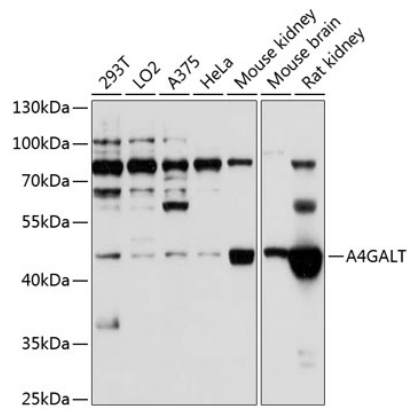
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using A4GALT antibody (A8817) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.