

Product datasheet for **AP50008PU-N**

A4GALT (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 33-62 amino acids from the N-terminal region of human A4GALT
Specificity:	This antibody reacts to CD77 Synthase.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	alpha 1,4-galactosyltransferase
Database Link:	Entrez Gene 53947 Human Q9NPC4
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.



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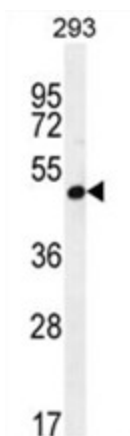
Synonyms: A14GALT, A4GALT1, Gb3 synthase, P1/Pk synthase, Alpha4Gal-T1, Globotriaosylceramide synthase

Note: **Molecular Weight:** 40499 Da

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Glycosphingolipid biosynthesis - globo series, Metabolic pathways

Product images:



A4GALT Antibody (N-term) western blot analysis in 293 cell line lysates (35 ug/lane). This demonstrates the A4GALT antibody detected the A4GALT protein (arrow)