

Rabbit anti-Human, Mouse Alpha-1,4-Galactosyltransferase Polyclonal Antibody | anti-a4GALT antibody

Alpha-1,4-Galactosyltransferase (a4GALT) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144808	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Alpha-1; 4-Galactosyltransferase; Polyclonal Antibody; 4-Galactosyltransferase (a4GALT) Polyclonal Antibody; A4GALT; P1; A14GALT; A4GALT1; PK; Lactosylceramide 4-Alpha-Galactosyltransferase; Globotriaosylceramide Synthase; Gb3 synthase; P1/Pk synthase; CD77 Synthase; anti-a4GALT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
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.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/ml (varies by lot)
Sequence Length	353
Applicable Applications for anti-a4GALT antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	a4GALT (Gly44~Leu353)
Quality Control	Content: The quality control contains recombinant a4GALT (Gly44~Leu353) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Prostate Gland Cancer Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Breast Cancer Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant a4GALT, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	966750452
NCBI GeneID	53947
NCBI Accession #	NP_001304967.1
NCBI GenBank Nucleotide #	NM_001318038.2
UniProt Accession #	Q9NPC4; Q9P1X5; B2R7C4
Molecular Weight	40,499 Da
NCBI Official Full Name	lactosylceramide 4-alpha-galactosyltransferase
NCBI Official Synonym Full Names	alpha 1,4-galactosyltransferase (P blood group)
NCBI Official Symbol	A4GALT
NCBI Official Synonym Symbols	P1; PK; Gb3S; P(k); P1PK; A14GALT; A4GALT1
NCBI Protein Information	lactosylceramide 4-alpha-galactosyltransferase
UniProt Protein Name	Lactosylceramide 4-alpha-galactosyltransferase
UniProt Gene Name	A4GALT
UniProt Synonym Gene Names	A14GALT; A4GALT1; Gb3 synthase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-1-4-galactosyltransferase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144808>