

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144795	Rabbit	Mouse, Rat	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	Mouse, Rat
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% NaN3, 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	Mouse
Organism Species	Mouse
Fragment	a4GALT (Thr94~Ile270)
Quality Control	Content: The quality control contains recombinant a4GALT (Thr94~Ile270) 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%, NaN3 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 (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded kidney tissue



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

NCBI AND UNIPROT INFORMATION

NCBI GI #	51921295
NCBI GeneID	239559
NCBI Accession #	NP_001004150.1
NCBI GenBank Nucleotide #	NM_001004150.3
UniProt Accession #	Q67BJ4
Molecular Weight	41,366 Da
NCBI Official Full Name	lactosylceramide 4-alpha-galactosyltransferase
NCBI Official Synonym Full Names	alpha 1,4-galactosyltransferase
NCBI Official Symbol	A4galt
NCBI Protein Information	lactosylceramide 4-alpha-galactosyltransferase
UniProt Protein Name	Lactosylceramide 4-alpha-galactosyltransferase
UniProt Gene Name	A4galt
UniProt Synonym Gene Names	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/144795>