

Anti-A4GAT antibody



Description	Unconjugated Rabbit polyclonal to A4GAT
Model	STJ190919
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	53947
Gene Symbol	A4GALT
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	A4GAT Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Ubiquitous. Highly expressed in kidney, heart, spleen, liver, testis and placenta.
Purification	A4GAT antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Lactosylceramide 4-alpha-galactosyltransferase Alpha-1,4-N-acetylglucosaminyltransferase Alpha-1,4-galactosyltransferase Alpha4Gal-T1 CD77 synthase Globotriaosylceramide synthase Gb3 synthase P1/Pk synthase
Molecular Weight	38 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18149 OMIM:111400
Alternative Names	Lactosylceramide 4-alpha-galactosyltransferase Alpha-1,4-N-acetylglucosaminyltransferase Alpha-1,4-galactosyltransferase Alpha4Gal-T1 CD77 synthase Globotriaosylceramide synthase Gb3 synthase P1/Pk synthase
Function	Necessary for the biosynthesis of the Pk antigen of blood histogroup P. Catalyzes the transfer of galactose to lactosylceramide and galactosylceramide. Necessary for the synthesis of the receptor for bacterial verotoxins.
Sequence and Domain Family	The conserved DXD motif is involved in enzyme activity.
Cellular Localization	Golgi apparatus membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com