

## Rabbit Anti-MGAT4A/Cy5.5 Conjugated antibody

SL18907R-Cy5.5

<b>Product Name</b>	Anti-MGAT4A/Cy5.5
<b>Chinese Name</b>	Cy5.5 标记的钠/磷酸 Transporter1 抗体 Alpha 1 3 mannosyl glycoprotein 4 beta N acetylglucosaminyltransferase A; Alpha 1 3 mannosyl glycoprotein beta 1 4 N acetylglucosaminyltransferase; GlcNAc T IVa; GNT IV; GNT IVA; MGT4A_HUMAN; GNTIV; GNTIVA; Mannosyl (alpha 1 3 ) glycoprotein beta 1 4 N acetylglucosaminyltransferase isoenzyme A; Mannosyl (alpha 1,3) glycoprotein beta 1,4 N acetylglucosaminyltransferase; MGAT 4A; N acetylglucosaminyltransferase IVa; N glycosyl oligosaccharide glycoprotein N
<b>Alias</b>	acetylglucosaminyltransferase IVa; Na(+)/PI cotransporter 1; Na/Pi-4; Renal Na(+)-dependent phosphate cotransporter 1; Renal sodium-dependent phosphate transport protein 1; Sodium-dependent phosphate transport protein 1; Sodium/phosphate cotransporter 1; UDP GlcNAc:a 1 3 D mannoside b 1 4 acetylglucosaminyltransferase IV; UDP N acetylglucosamine: alpha 1 3 D mannoside beta 1 4 N acetylglucosaminyltransferase IVa; UDP N acetylglucosamine:alpha 1 3 d mannoside beta 1 4 N acetylglucosaminyltransferase
<b>Research Area</b>	Cell biology The new supersedes the old
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Dog,Pig,Horse,Sheep) ICC/IF=1:50-200,IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	62kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human MGAT4A
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A

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<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. <b>background:</b> MFSD8 is a 518 amino acid multi-pass membrane protein of the lysosome that is thought to function as a carrier protein that transports small solutes by way of chemiosmotic ion gradients. Expressed at low levels in many tissues, MFSD8 is encoded by a gene that maps to human chromosome 4q28.1. Defects in the gene encoding MFSD8 are the cause of a late infantile neuronal ceroid lipofuscinosis known as neuronal ceroid lipofuscinosis type 7 (CLN7). CLN7 is characterized by seizures, progressive dementia and visual failure. <b>Function:</b> May be a carrier that transport small solutes by using chemiosmotic ion gradients <b>Subcellular Location:</b> Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A soluble form: Secreted (By similarity).
<b>Product Detail</b>	<b>Tissue Specificity:</b> Expressed at very low levels in all tissues tested. <b>Similarity:</b> Belongs to the glycosyltransferase 54 family. <b>Database links:</b> <a href="#">Entrez Gene: 6568</a> Human <a href="#">Entrez Gene: 20504</a> Mouse <a href="#">Entrez Gene: 171080</a> Rat <a href="#">Omim: 182308</a> Human <a href="#">SwissProt: Q14916</a> Human <a href="#">SwissProt: Q61983</a> Mouse



[SwissProt: Q62795](#) Rat

[Unigene: 205816](#) Human

[Unigene: 2656](#) Mouse

[Unigene: 11150](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.