

Anti-GALNT2 Rabbit pAb



WLA0675

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-GALNT2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:200
Cellular localization	Golgi apparatus, Membrane, Secreted.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Galnt2, a member of glycosyltransferase 2 protein family, initiates mucin O-glycosylation of peptides in Golgi matrix. Galnt2, a GalNAc transferase involved in O-linked glycosylation, can regulate the risk of atherosclerotic dyslipidemia (a specific marker of insulin resistance), and act as a positive regulator of insulin signal in human hepatocytes by down regulating ENPP1. It may participate in the O-linked glycosylation of the hinge region of immunoglobulin A1, and may also affect the level of triglycerides, which may be related to type 2 diabetes and several cancers.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GALNT2.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

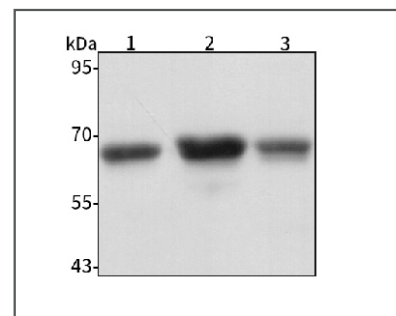
Anti-GALNT2 Rabbit pAb



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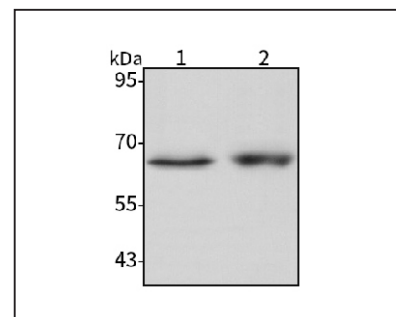
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Product Images



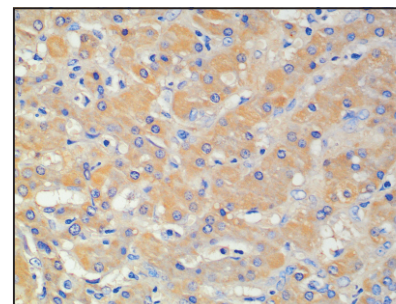
Western blot-Anti-GALNT2 pAb

Lane 1: Human HUVEC cell lysate
 Lane 2: Human A549 cell lysate
 Lane 3: Rat RSC96 cell lysate
 All lanes: Anti-GALNT2 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 65 kDa
 Observed band size: 65 kDa



Western blot-Anti-GALNT2 pAb

Lane 1: Mouse heart tissue lysate
 Lane 2: Mouse liver tissue lysate
 All lanes: Anti-GALNT2 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 65 kDa
 Observed band size: 65 kDa



Immunohistochemistry-Anti-GALNT2 pAb

Immunohistochemical analysis of paraffin-embedded human liver cancer using anti-GALNT2 Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

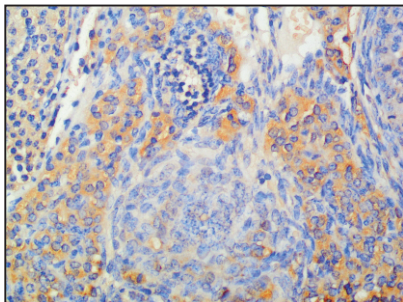
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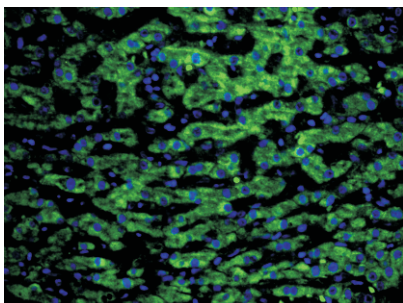
Product Information



Immunohistochemistry-Anti-GALNT2 pAb

Immunohistochemical analysis of paraffin-embedded mouse ovary using anti-GALNT2 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-GALNT2 pAb

Immunofluorescence analysis of paraffin-embedded human liver cancer using anti-GALNT2 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0