

Datasheet for ABIN1714451
anti-GALNT11 antibody (AA 401-500)

2 Images

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Overview

Quantity:	100 µL
Target:	GALNT11
Binding Specificity:	AA 401-500
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT11 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GALNT11/GalNAc-T11
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GALNT11
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Target Details

Alternative Name:	GALNT11/GalNAc-T11 (GALNT11 Products)
Background:	<p>Synonyms: A430075I06Rik, AI648252, E430002F06Rik, FLJ21634, GalNAc-T11, GALNT11, GLT11_HUMAN, MGC71630, Polypeptide GalNAc transferase 11, Polypeptide N-acetylgalactosaminyltransferase 11, pp-GaNTase 11, Protein-UDP acetylgalactosaminyltransferase 11, tcag7.1057, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 11.</p> <p>Background: The UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes are substrate-specific proteins that catalyze the transfer of GalNAc (N-acetylgalactosamine) to serine and threonine residues onto various proteins, thereby initiating mucin-type O-linked glycosylation in the Golgi apparatus. GalNAc-T11 (Polypeptide N-acetylgalactosaminyltransferase 11), also known as UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 11, is a 608 amino acid protein that catalyzes glycosylation of Muc1, Muc4.1 and EA2, though it does not display enzymatic preference for erythropoietin. The N-terminal domain is involved in substrate binding and manganese coordination, while the C-terminal domain is involved in UDP-Gal binding and catalytic reaction. GalNAc-T11 is highly expressed in kidney tubules, though it is not expressed in glomeruli. There are two isoforms of GalNAc-T11 that are produced as a result of alternative splicing events.</p>
Gene ID:	63917

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

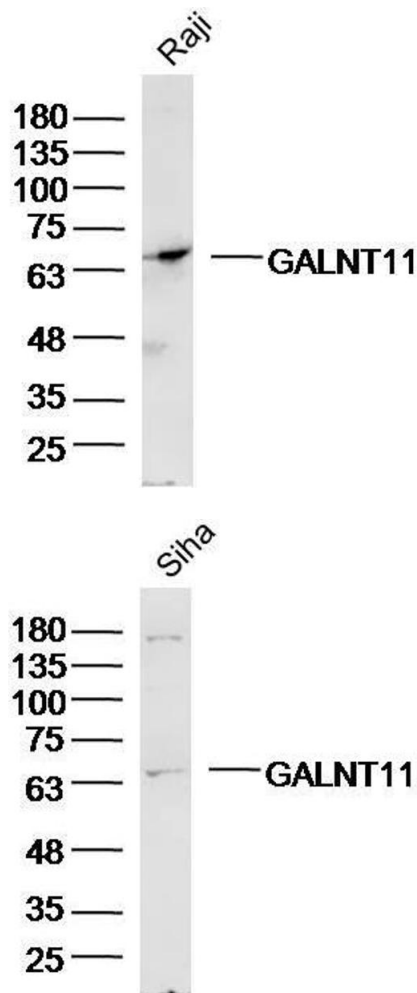
Handling

Format:	Liquid
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Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Raji Cell lysates probed with GALNT11/GalNAc-T11 Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.

Western Blotting

Image 2. Siha Cell lysates probed with GALNT11/GalNAc-T11 Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.