Datasheet for ABIN1700809

anti-GALNT10 antibody (AA 151-250) (Biotin)

Go to Product page

Overview

Quantity:	100 µL
Target:	GALNT10
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT10 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GALNT10/GalNAc-T10
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GALNT10
Alternative Name:	GALNT10/GalNAc-T10 (GALNT10 Products)

Copyright antibodies-online. All rights reserved.

Target Details

Background:	Synonyms: DKFZp586H0623, FLJ00205, FLJ11715, GalNAc T10, GalNAc transferase 10, GalNAc-T10, GalNAcT10, GALNT10, GLT10_HUMAN, Polypeptide GalNAc transferase 10, Polypeptide N-acetylgalactosaminyltransferase 10, pp GalNAc T10, pp GaNTase 10, pp-GaNTase 10, ppGalNAcT10, ppGaNTase 10, Protein UDP acetylgalactosaminyltransferase 10, Protein-UDP acetylgalactosaminyltransferase 10, UDP GalNAc:polypeptide N acetylgalactosaminyltransferase 10, UDP N acetyl alpha D galactosamine:polypeptide N acetylgalactosaminyltransferase 10, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10. 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-acetylgalactosaminyl) to serine and threonine residues of various proteins, thereby initiating mucin-type O-linked glycosylation in the Golgi apparatus. GalNAc-T10 (Polypeptide N-acetylgalactosaminyltransferase 10), also known as UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10, is a 603 amino acid single-pass type II membrane protein that prefers Muc5Ac and EA2 peptide substrates. 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-T10 is widely expressed, with highest levels found in small intestine. There are four isoforms of GalNAc-T10 that are produced as a result of alternative splicing events.
Gene ID:	55568

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Copyright antibodies-online. All rights reserved.

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

 Copyright antibodies-online. All rights reserved.