Datasheet for ABIN7271209

anti-GALNT6 antibody (AA 30-140)

1 Image

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Overview

Quantity:	100 µL
Target:	GALNT6
Binding Specificity:	AA 30-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GALNT6 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 30-140 of human GALNT6 (NP_009141.2).
Sequence:	DVSSREEATE KPWLKSLVSR KDHVLDLMLE AMNNLRDSMP KLQIRAPEAQ QTLFSINQSC LPGFYTPAEL KPFWERPPQD PNAPGADGKA FQKSKWTPLE TQEKEEGYKK H
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

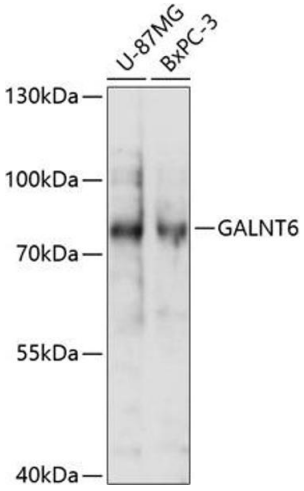
Target:	GALNT6
Alternative Name:	GALNT6 (GALNT6 Products)
Background:	This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a lumenal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin.,GALNT6,GALNAC-T6,GalNAcT6,GALNT6
Molecular Weight:	71kDa
Gene ID:	11226
UniProt:	Q8NCL4

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using G antibody (ABIN7271209) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.