

Product datasheet

Anti-B3GALTL antibody ab74824

2 Images

Overview

Product name	Anti-B3GALTL antibody
Description	Rabbit polyclonal to B3GALTL
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthesized peptide derived from the C-terminus of human B3GALTL
Positive control	Human liver carcinoma tissue. Extracts from HepG2, Jurkat, MCF-7 or HUVEC cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab74824** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 57 kDa.
ELISA		1/40000.
IHC-P		Use at an assay dependent concentration.

Target

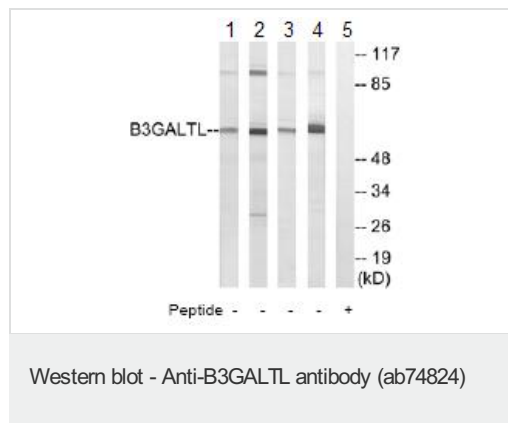
Relevance

B3GALTL is a beta-1,3-gucosyltransferase involved in the synthesis of the unusual O-linked disaccharide glucosyl-beta-1,3-fucose-O- found on the thrombospondin (see THBS1; MIM 188060) type-1 repeats (TSRs) of many biologically important proteins. Biosynthesis of glucosyl-beta-1,3-fucose-O- is initiated by protein O-fucosyltransferase-2 (POFUT2; MIM 610249), which attaches the fucosyl residue to a serine or threonine within the TSR. B3GALTL subsequently transfers the glucose onto TSR-fucose (Hess et al., 2008).

Cellular localization

Endoplasmic reticulum membrane; Single pass type II membrane protein.

Images



All lanes : Anti-B3GALTL antibody (ab74824)
at 1/500 dilution

Lane 1 : extracts from HepG2 cells

Lane 2 : extracts from Jurkat cells

Lane 3 : extracts from MCF-7 cells

Lane 4 : extracts from HUVEC cells

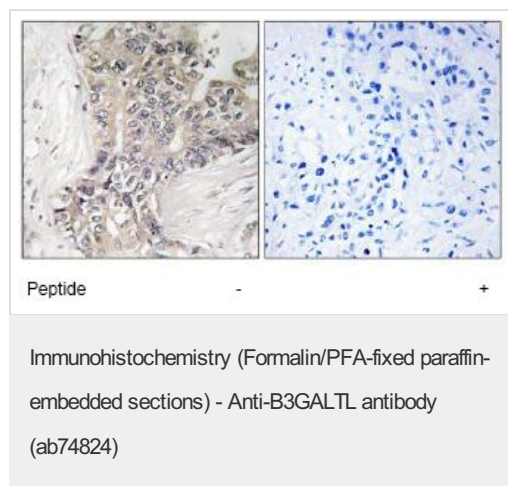
Lane 5 : extracts from HUVEC cells with
immunizing peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 57 kDa

Observed band size: 57 kDa

Additional bands at: 95 kDa. We are unsure
as to the identity of these extra bands.



ab74824, at a dilution of 1/50, staining B3GALTL in paraffin embedded human liver carcinoma tissue sections by Immunohistochemistry in the absence (left image) or presence (right image) of the immunizing peptide.

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