

Datasheet for ABIN2783797

**anti-GALNTL1 antibody (N-Term)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	GALNTL1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Rabbit, Cow, Guinea Pig, Horse, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNTL1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GALNTL1
Sequence:	LSAKQLKAGE DPYRQHAFNQ LESDKLSPDR PIRDTRHYSC PSVSYSSDLP
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GALNTL1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	GALNTL1
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## Target Details

Alternative Name:	GALNTL1 ( <a href="#">GALNTL1 Products</a> )
Background:	<p>GALNTL1 belongs to the glycosyltransferase 2 family, GalNAc-T subfamily. It contains 1 ricin B-type lectin domain. GALNTL1 may catalyze the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor.</p> <p>Alias Symbols: GALNT16, KIAA1130, MGC141855, GALNACT16, GALNTL1</p> <p>Protein Size: 558</p>
Molecular Weight:	63 kDa
Gene ID:	57452
NCBI Accession:	<a href="#">NM_020692</a> , <a href="#">NP_065743</a>
UniProt:	<a href="#">Q8N428</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 558 AA
Restrictions:	For Research Use only

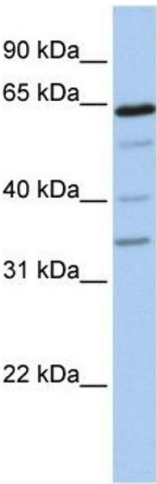
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Clayton, Daley, MacDonald, Fernandez-Vizarra, Bottegoni, ONeil, Major, Griffin, Zhuang, Adewoye, Woolcock, Jones, Goodyear, Elmesmari, Filer, Tennant, Alivernini, Buckley, Pitceathly et al.: "Inflammation causes remodeling of mitochondrial cytochrome c oxidase mediated by the bifunctional gene C15orf48. ..." in: **Science advances**, Vol. 7, Issue 50, pp. eabl5182, (2021) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-GALNTL1 Antibody Titration:  
0.2-1 ug/ml Positive Control: 721\_B cell lysate