

Datasheet for ABIN2783610  
**anti-B3GNT7 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	B3GNT7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rabbit, Guinea Pig, Rat, Dog, Horse, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GNT7 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 B3GNT7
Sequence:	QFLFYRHCRY FPMLLNHPEK CRGDVYLLVV VKSVITQHDR REAIRQTWGR
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against B3GNT7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	B3GNT7
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## Target Details

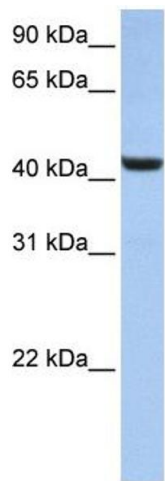
Alternative Name:	B3GNT7 ( <a href="#">B3GNT7 Products</a> )
Background:	<p>B3GNT7 belongs to the glycosyltransferase 31 family. It may be involved in keratan sulfate biosynthesis. B3GNT7 transfers N-acetylgalactosamine on to keratan sulfate-related glycans. It may play a role in preventing cells from migrating out of the original tissues and invading surrounding tissues.</p> <p>Alias Symbols: beta3GnT7</p> <p>Protein Size: 401</p>
Molecular Weight:	46 kDa
Gene ID:	93010
NCBI Accession:	<a href="#">NM_145236</a> , <a href="#">NP_660279</a>
UniProt:	<a href="#">Q8NFL0</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 401 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.



Western Blotting

**Image 1.** WB Suggested Anti-B3GNT7 Antibody Titration:  
0.2-1 ug/ml Positive Control: HepG2 cell lysate