

Datasheet for ABIN2781304  
**anti-GCNT3 antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	GCNT3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Dog, Rat, Horse, Pig, Rabbit, Cow, Saccharomyces cerevisiae, Sheep, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCNT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GCNT3
Sequence:	AICVYGAGDL NWMLQNHLL ANKFDPKVDD NALQCLEEYL RYKAIYGTEL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 91%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 93%, Sheep: 93%, Yeast: 89%
Characteristics:	This is a rabbit polyclonal antibody against GCNT3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	GCNT3
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## Target Details

Alternative Name:	GCNT3 ( <a href="#">GCNT3 Products</a> )
Background:	<p>This enzyme catalyzes O-glycan branch synthesis of the core 2 and core 4 type in mucins and controls expression of core 2 branched oligosaccharides and I antigens on the cell surface. This enzyme catalyzes O-glycan branch synthesis of the core 2 and core 4 type in mucins and controls expression of core 2 branched oligosaccharides and I antigens on the cell surface.</p> <p>Alias Symbols: C2/4GnT, C2GnT-M, C2GnT2, GnT-M, GNTM, C24GNT, C2GNT2, C2GNTM</p> <p>Protein Interaction Partner: DHRSX, RBM18, SNUPN, CASK,</p> <p>Protein Size: 438</p>
Molecular Weight:	51 kDa
Gene ID:	9245
NCBI Accession:	<a href="#">NM_004751</a> , <a href="#">NP_004742</a>
UniProt:	<a href="#">O95395</a>
Pathways:	<a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

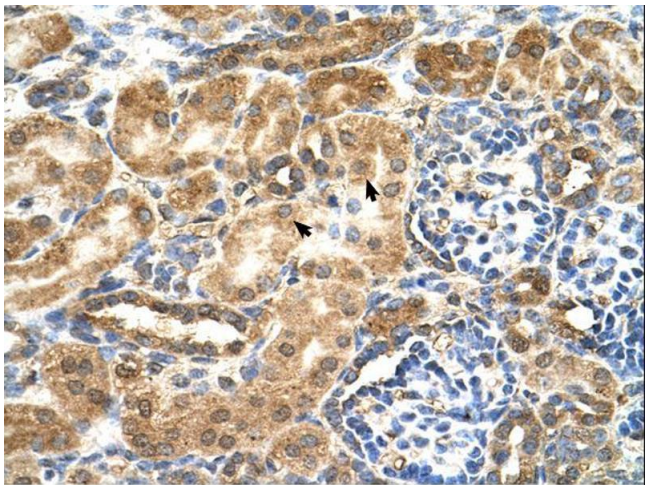
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 438 AA
Restrictions:	For Research Use only

## 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

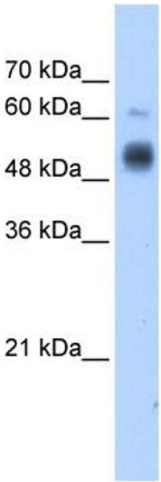
aliquots to prevent freeze-thaw cycles.

Images



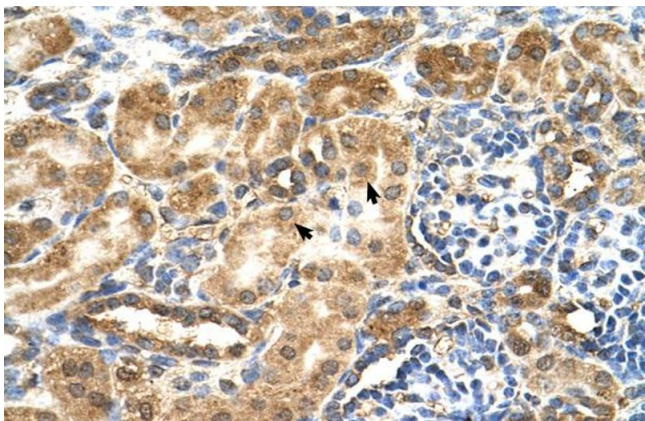
Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-GCNT3 Antibody Titration:  
1.25ug/ml Positive Control: 293T cells lysate



Immunohistochemistry

Image 3. Human kidney