

Datasheet for ABIN2782819  
**anti-GALNT5 antibody (Middle Region)**



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1 Image

Overview

Quantity:	100 µL
Target:	GALNT5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GALNT5
Sequence:	ELSFKVWMCG GEIEIIPCSR VGHIFRNDNP YSFPKDRMKT VERNLVRVAE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against GALNT5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GALNT5
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## Target Details

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Alternative Name:	<a href="#">GALNT5 (GALNT5 Products)</a>
Background:	<p>GALNT5 can 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. GALNT5 has activity toward EA2 peptide substrate, but it has a weak activity toward Muc2 or Muc1b substrates.</p> <p>Alias Symbols: GALNAC-T5, MGC165041</p> <p>Protein Interaction Partner: UBC, EXT2,</p> <p>Protein Size: 940</p>
Molecular Weight:	106 kDa
Gene ID:	11227
NCBI Accession:	<a href="#">NM_014568</a> , <a href="#">NP_055383</a>
UniProt:	<a href="#">Q7Z7M9</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

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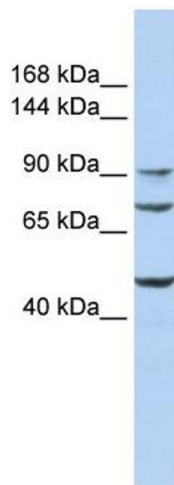
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 940 AA
Restrictions:	For Research Use only

## Handling

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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-GALNT5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HeLa cell lysate