

[Go to Product page](#)

Datasheet for ABIN5517916 **anti-GALNT7 antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	GALNT7
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT7 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 GALNT7
Sequence:	SPLSRMREDR DVNDPMPNRR GNGLPAGEDR FKPVVPWPHV EGVEVDLESI
Characteristics:	This is a rabbit polyclonal antibody against GALNT7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GALNT7
Alternative Name:	GALNT7 (GALNT7 Products)
Background:	This gene encodes GalNAc transferase 7, a member of the GalNAc-transferase family. The

Target Details

enzyme encoded by this gene controls the initiation step of mucin-type O-linked protein glycosylation and transfer of N-acetylgalactosamine to serine and threonine amino acid residues. This enzyme is a type II transmembrane protein and shares common sequence motifs with other family members. Unlike other family members, this enzyme shows exclusive specificity for partially GalNAc-glycosylated acceptor substrates and shows no activity with non-glycosylated peptides. This protein may function as a follow-up enzyme in the initiation step of O-glycosylation.

Alias Symbols: GALNT7,

Protein Interaction Partner: Dlg4, UBC, MAPK6,

Protein Size: 657

Gene ID: 51809

NCBI Accession: [NP_059119](#)

UniProt: [Q86SF2](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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.

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.