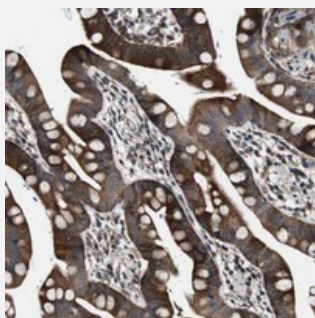


# GALNT8 polyclonal antibody

Catalog # PAB20609      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human small intestine with GALNT8 polyclonal antibody (Cat # PAB20609) shows strong cytoplasmic positivity in glandular cells at 1:50-1:200 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GALNT8.
Immunogen	Recombinant protein corresponding to amino acids of human GALNT8.
Sequence	NLLDENVC LDQGPFPGNTPIMYYCHEFSSQNVYYHLTGELYVGQLAEASASDRCLTDPGKAEKP TLEPCSKAAKNRLHIYWDFKPGGAVINRDTKRCLEMKKDLLGSHVLVLQTCSTQVWEIQHTVR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human small intestine with GALNT8 polyclonal antibody (Cat # PAB20609) shows strong cytoplasmic positivity in glandular cells at 1:50-1:200 dilution.

## Gene Info — GALNT8

**Entrez GeneID**[26290](#)**Protein Accession#**[Q9NY28](#)**Gene Name**

GALNT8

**Gene Alias**

GALNAC-T8

**Gene Description**

UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 8 (GalNAC-T8)

**Omim ID**[606250](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAC-T) family of enzymes. GalNAC-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAC to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAC transferase motif, and a C-terminal ricin/lectin-like domain. GalNAC-Ts have different, but overlapping, substrate specificities and patterns of expression. [provided by RefSeq]

**Other Designations**

GalNAC transferase 8|UDP-GalNAC: polypeptide N-acetylgalactosaminyltransferase 8|polypeptide N-acetylgalactosaminyltransferase 8|protein-UDP acetylgalactosaminyltransferase 8

## Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)