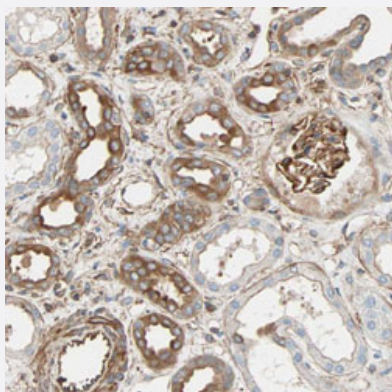


# GALNT10 polyclonal antibody

Catalog # PAB30413      Size 100 uL

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with GALNT10 polyclonal antibody (Cat # PAB30413) shows strong cytoplasmic positivity in cells in tubules and cells in glomeruli at 1:200-1:500 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human GALNT10.
Immunogen	Recombinant protein corresponding to human GALNT10.
Sequence	AGQGSHSRQKKTFFLGDGQKLKDWHDKAEIRRDAAQRVGNGEQGRYPMTDAERVDQAYRENGFNIYVSDKISLNRSLPDIRHPNCNSKRYLETLPNTSIIIPFHNEGWSSLLRTVHSVLRNS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) 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

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with GALNT10 polyclonal antibody (Cat # PAB30413) shows strong cytoplasmic positivity in cells in tubules and cells in glomeruli at 1:200-1:500 dilution.

## Gene Info — GALNT10

**Entrez GeneID** [55568](#)

**Protein Accession#** [Q86SR1](#)

**Gene Name** GALNT10

**Gene Alias** DKFZp586H0623, FLJ00205, FLJ11715, GalNAcT10, pp-GalNAc-T10

**Gene Description** UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)

**Omim ID** [608043](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene belongs to the polypeptide N-acetylgalactosaminyltransferase (pp-GalNAc-T) gene family. Polypeptide GalNAc transferases initiate the synthesis of mucin-type oligosaccharides by transferring GalNAc from UDP-GalNAc to the hydroxyl group of either a serine or threonine residue on the polypeptide acceptor. Following expression in insect cells, recombinant GalNAc transferase 10 showed significant GalNAcT activity toward mucin-derived peptides, and it utilized both nonglycosylated and glycosylated peptide substrates. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations** GalNAc transferase 10|polypeptide N-acetylgalactosaminyltransferase 10

## Pathway

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

## Disease

- [Tobacco Use Disorder](#)