

PACO37782

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:20-1:200

**Protein Background:**

Catalyzes 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. Has activity toward non-glycosylated peptides such as Muc5AC, Muc1a and EA2, and no detectable activity with Muc2 and Muc7. Displays enzymatic activity toward the Gal-NAC-Muc5AC glycopeptide, but no detectable activity to mono-GalNAC-glycosylated Muc1a, Muc2, Muc7 and EA2. May play an important role in the initial step of mucin-type oligosaccharide biosynthesis in digestive organs.

**Gene ID:**

GALNT12

**Uniprot**

Q8IXK2

**Synonyms:**

Polypeptide N-acetylgalactosaminyltransferase 12 (EC 2.4.1.41) (Polypeptide GalNAc transferase 12) (GalNAc-T12) (pp-GaNTase 12) (Protein-UDP acetylgalactosaminyltransferase 12) (UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase 12), GALNT12

**Immunogen:**

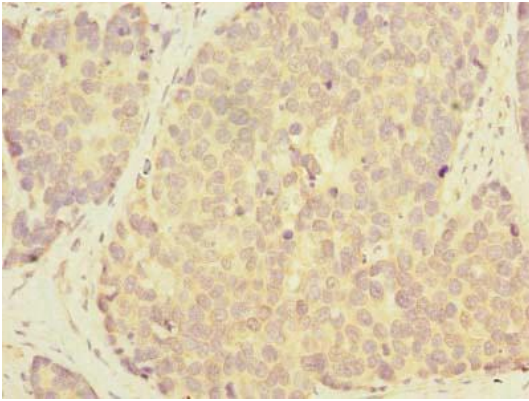
Recombinant Human Polypeptide N-acetylgalactosaminyltransferase 12 protein (1-272AA).

**Storage:**

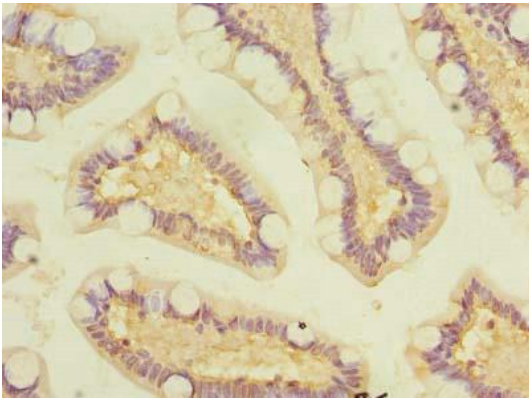
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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Immunohistochemistry of paraffin-embedded human gastric cancer using PACO37782 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human small intestine tissue using PACO37782 at dilution of 1:100.