Datasheet for ABIN966194

anti-GCNT3 antibody (N-Term)

3 Publications

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Overview

Quantity:	0.1 mg
Target:	GCNT3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCNT3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human GCNT3 (Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-Nacetylglucosaminyltransferase 3)

Target Details

Target:	GCNT3
Alternative Name:	GCNT3 (GCNT3 Products)
Background:	GCNT3 (Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-Nacetylglucosaminyltransferase 3) is a glycosyltransferase that can synthesize all known mucin beta 6 N-acetylglucosaminides. GCNT3 mediates core 2 and core 4 O-glycan branching, 2 important steps in mucin-type biosynthesis. GCNT3 has also I-branching enzyme activity by converting linear into branched

Target Details

	poly-N-acetyllactosaminoglycans, leading to introduce the blood group I antigen during embryonic development. GCNT3 belongs to the glycosyltransferase 14 family. Synonyms: C2/4GnT (Core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase)
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:	Williams, Werner-Fraczek, Chang, Bailey-Serres: "Regulated phosphorylation of 40S ribosomal protein S6 in root tips of maize." in: **Plant physiology**, Vol. 132, Issue 4, pp. 2086-97, (2003) (PubMed). McBride, Nemer: "The C-terminal domain of c-fos is required for activation of an AP-1 site specific for jun-fos heterodimers." in: **Molecular and cellular biology**, Vol. 18, Issue 9, pp. 5073-81, (1998) (PubMed).