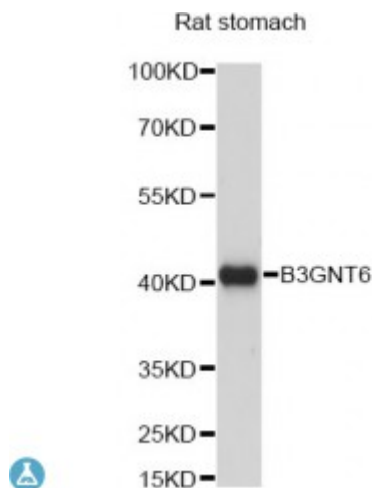


Anti-B3GNT6 Antibody



Description

The protein encoded by this gene is a beta-1,3-N-acetylglucosaminyltransferase that adds an N-acetylglucosamine moiety to N-acetylgalactosamine-modified serine or threonine. The encoded enzyme is responsible for creating the core 3 structure of O-glycans, which are important components of mucin-type glycoproteins.

Model	STJ117174
Host	Rabbit
Reactivity	Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-200 of human B3GNT6 (NP_619651.3).
Gene ID	192134
Gene Symbol	B3GNT6
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Present in stomach and colon (at protein level), Restricted in the stomach, colon and small intestine, where core 3 structure is present
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase
Molecular Weight	42.748 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24141OMIM:615315Reactome:R-HSA-913709
Alternative Names	Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase
Function	Beta-1,3-N-acetylglucosaminyltransferase that synthesizes the core 3 structure of the O-glycan, an important precursor in the biosynthesis of mucin-type glycoproteins, Plays an important role in the synthesis of mucin-type O-glycans in digestive organs
Cellular Localization	Golgi apparatus membrane

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