

Rabbit B3GNT3 Polyclonal Antibody | anti-B3GNT3 antibody

B3GNT3 Antibody

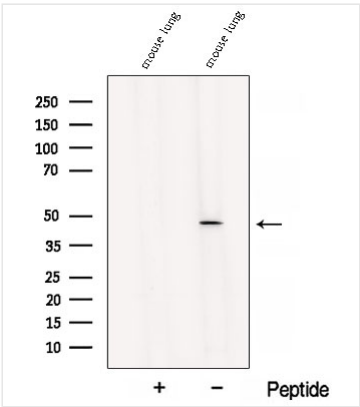
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328784	Rabbit	Human, MousePredicted: Pig, Bovine, Sheep	Western Blot

PRODUCT SYNONYMS

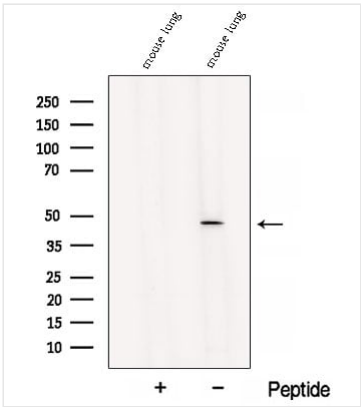
B3GNT3; Polyclonal Antibody; B3GNT3 Antibody; B3GAL T8; B3GALT8; B3GN T3; B3GNT 3; Beta 1; 3 galactosyltransferase 8; Beta 3 Gal T8; Beta3Gal T8; Beta3GalT8; BGnT 3; BGnT3; Core 1 extending beta 1; 3 N acetylglucosaminytransferase; Core1 beta3GlcNAcT; HP10328; TMEM3; UDP Gal:beta GlcNAc beta 1; UDP GlcNAc:betaGal beta 1; 3 N acetylglucosaminytransferase 3; anti-B3GNT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Sheep
Clonality	Polyclonal
Isotype	IgG
Specificity	B3GNT3 Antibody detects endogenous levels of B3GNT3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	372
Applicable Applications for anti-B3GNT3 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human B3GNT3.
Tissue Specificity	Expressed in colon, jejunum, stomach, esophagus, placenta and trachea.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Golgi Apparatus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Mouse lung tissue, using B3GNT3 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Mouse kidney, using B3GNT3 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-B3GNT3 antibody	Description: Beta-1,3-N-acetylglucosaminyltransferase involved in the synthesis of poly-N-acetyllactosamine. Has activity for type 2 oligosaccharides (PubMed:11042166). Also acts as a core1-1,3-N-acetylglucosaminyltransferase (Core1-beta3GlcNAcT) to form the 6-sulfo sialyl Lewis x on extended core1 O-glycans (PubMed:11439191). Similarity: Belongs to the glycosyltransferase 31 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	92091604
NCBI GeneID	10331
NCBI Accession #	NP_055071
NCBI GenBank Nucleotide #	NP_055071.2
UniProt Accession #	Q9Y2A9
Molecular Weight	Observed: 43 kDa Predicted: 43 kDa
NCBI Official Full Name	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3
NCBI Official Synonym Full Names	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3
NCBI Official Symbol	B3GNT3
NCBI Official Synonym Symbols	TMEM3; B3GN-T3; B3GNT-3; HP10328; B3GAL-T8; beta3Gn-T3
NCBI Protein Information	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3
UniProt Protein Name	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3
UniProt Gene Name	B3GNT3
UniProt Entry Name	B3GN3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.