Datasheet for ABIN7602134

anti-B3GNT2 antibody (AA 6-397)

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Overview

Quantity:	100 µg
Target:	B3GNT2
Binding Specificity:	AA 6-397
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GNT2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-B3GNT2 Antibody Picoband®
Immunogen:	E.coli-derived human B3GNT2 recombinant protein (Position: R6-C397).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-B3GNT2 Antibody Picoband® (ABIN7602134). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	B3GNT2
Alternative Name:	B3GNT2 (B3GNT2 Products)
Background:	Synonyms: Mediator of RNA polymerase II transcription subunit 20, Mediator complex subunit 20, TRF-proximal protein homolog, hTRFP, MED20, TRFP, Tissue Specificity: Pre-B-cells and B-cells but not terminally differentiated plasma cells. Background: UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 is an enzyme that in humans is encoded by the B3GNT2 gene. This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It prefers the substrate of lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. Two transcript variants encoding the same protein have been found for this gene.
Molecular Weight:	55 kDa
Gene ID:	10678
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Bischoff, J. R., Plowman, G. D. The Aurora/Ipl 1p kinase family: regulators of chromosome segregation and cytokinesis. Trends Cell Biol. 9: 454-459, 1999. 2. Du, J., Jablonski, S., Yen, T. J., Hannon, G. J. Astrin regulates Aurora-A localization. Biochem. Biophys. Res. Commun. 370: 213-219, 2008. 3. Ewart-Toland, A., Briassouli, P., de Koning, J. P., Mao, J.-H., Yuan, J., Chan, F., MacCarthy-Morrogh, L., Ponder, B. A. J., Nagase, H., Burn, J., Ball, S., Almeida, M., Linardopoulos, S., Balmain, A. Identification of Stk6/STK15 as a candidate low-penetrance tumor-susceptibility gene in mouse and human. Nature Genet. 34: 403-412, 2003.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.