Product Datasheet

beta-1,3-Glucuronyltransferase 3/B3GAT3 Antibody - Azide and BSA Free
H00026229-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 4

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H00026229-B01P

beta-1,3-Glucuronyltransferase 3/B3GAT3 Antibody - Azide and BSA Free

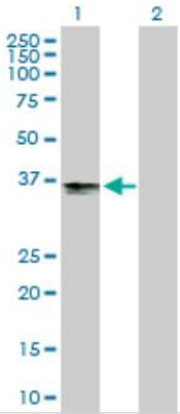
Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Novus Biologicals Mouse beta-1,3-Glucuronyltransferase 3/B3GAT3 Antibody - Azide and BSA Free (H00026229-B01P) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-beta-1,3-Glucuronyltransferase 3/B3GAT3 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	26229
Gene Symbol	B3GAT3
Species	Human
Specificity/Sensitivity	B3GAT3 - beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I),
Immunogen	B3GAT3 (NP_036332.2, 1 a.a. - 335 a.a.) full-length human protein. MKLKLKNVFLAYFLVSIAGLLYALVQLGQPCDCLPPLRAAAEQLRQKDLRISQL QAELRRPPPAPAQPPEPEALPTIYVVTPTYARLVQKAELVRLSQTLSLVPRLHW LLVEDAEGPTPLVSGLLAASGLLFTHLVVLTPKAQRLREGEPGWVHPRGVEQR NKALDWLRGRGGAVGGEKDPPPPGTQGVVYFADDDNTYSRELFEEMRWTRG VSVWPVGLVGGLRFEGPQVQDGRVVGFHTAWEPSRPFPVDMAGFAVALPLLL DKPNAQFDSTAPRGHLESSLLSHLVDPKDLEPRAANCTRVLVWHTRTEKPKMK QEEQLQRQGRGSDPAIEV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against transfected lysate in western blot. May also be used for ELISA.

Images

Western Blot: beta-1,3-Glucuronyltransferase 3/B3GAT3 Antibody [H00026229-B01P] - Analysis of B3GAT3 expression in transfected 293T cell line by B3GAT3 polyclonal antibody. Lane 1: B3GAT3 transfected lysate(36.85 KDa). Lane 2: Non-transfected lysate.



Publications

Job F, Mizumoto S, Smith L et al. Functional validation of novel compound heterozygous variants in B3GAT3 resulting in severe osteopenia and fractures: expanding the disease phenotype. BMC Med Genet 2016-11-21 [PMID: 27871226]

Baasanjav S, Al-Gazali L, Hashiguchi T et al. Faulty Initiation of Proteoglycan Synthesis Causes Cardiac and Joint Defects. Am J Hum Genet. 2011-07-15 [PMID: 21763480]

Budde BS, Mizumoto S, Kogawa R et al. Skeletal dysplasia in a consanguineous clan from the island of Nias/Indonesia is caused by a novel mutation in B3GAT3. Hum Genet. 2015-04-19 [PMID: 25893793]

Hiyama A, Gajghate S, Sakai D et al. Activation of TonEBP by Calcium Controls {beta}1,3-Glucuronosyltransferase-I Expression, a Key Regulator of Glycosaminoglycan Synthesis in Cells of the Intervertebral Disc. J Biol Chem;284 (15):9824-9834. 2009-01-01 [PMID: 19147493]

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Products Related to H00026229-B01P

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse IgG Isotype Control

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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