

Product Datasheet

beta-1,3-Glucuronyltransferase 1/B3GAT1 Antibody NBP2-26184

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-26184

beta-1,3-Glucuronyltransferase 1/B3GAT1 Antibody

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

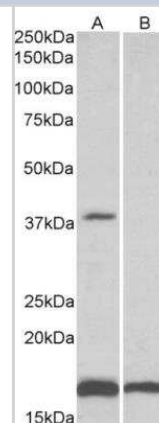
Host	Goat
Gene ID	27087
Gene Symbol	B3GAT1
Species	Human
Specificity/Sensitivity	Reported variants represent identical protein: NP_473366.1, NP_061114.2.
Immunogen	Peptide with sequence C-HVETPRNYKLRGD corresponding to internal region according to NP_061114.2.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 38 kDa band observed in human brain (frontal cortex) lysates (calculated MW of 38.3 kDa band according to NP_061114.2). An additional band of 17 kDa band was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than WB.

Images

Western Blot: beta-1,3-Glucuronyltransferase 1/B3GAT1 Antibody [NBP2-26184] - Staining of Human Frontal Cortex lysate (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Kahler AK, Djurovic S, Rimol LM et al. Candidate gene analysis of the human natural killer-1 carbohydrate pathway and perineuronal nets in schizophrenia: B3GAT2 is associated with disease risk and cortical surface area. Biol Psychiatry 2011-01-01 [PMID: 20950796]





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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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