

Product Datasheet

Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Antibody (OTI3A9) NBP2-45527

Unit Size: 0.1 ml

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

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Publications: 1

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NBP2-45527

Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Antibody (OTI3A9)

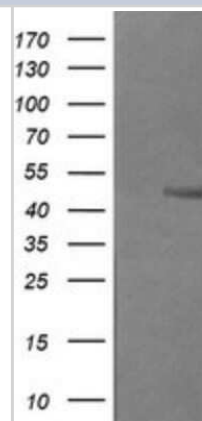
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3A9
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	45.8 kDa

Product Description	
Host	Mouse
Gene ID	10678
Gene Symbol	B3GNT2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human B3GNT2(NP_006568) produced in HEK293T cell.

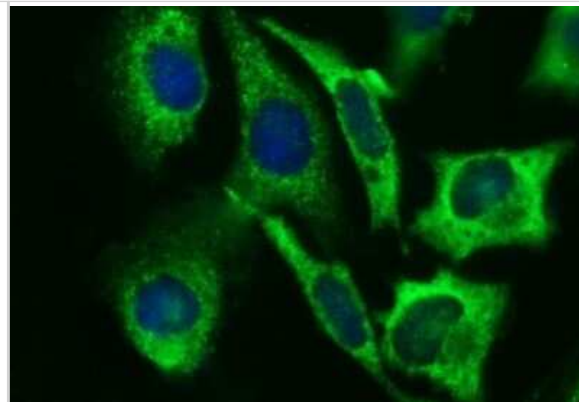
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, SDS-Page
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, SDS-Page Reported in scientific publication (PMID: 32663509)

Images

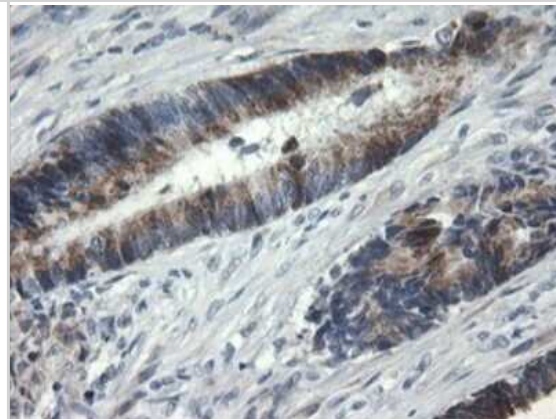
Western Blot: Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Antibody (OTI3A9) [NBP2-45527] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY B3GNT2.



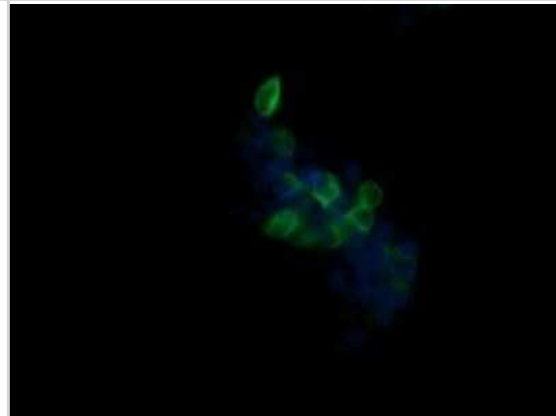
Immunocytochemistry/Immunofluorescence: Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Antibody (OT13A9) [NBP2-45527] - Analysis of HeLa cells.



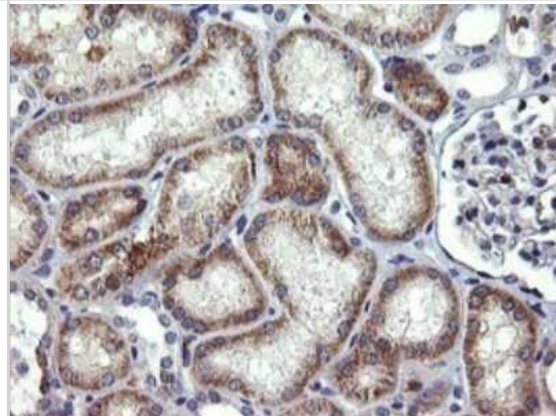
Immunohistochemistry: Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Antibody (OT13A9) [NBP2-45527] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunocytochemistry/Immunofluorescence: Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Antibody (OT13A9) [NBP2-45527] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY B3GNT2.



Immunohistochemistry: Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Antibody (OT13A9) [NBP2-45527] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Publications

Wang Q, Wang T, Yang S et al. Metabolic engineering challenges of extending N-glycan pathways in Chinese hamster ovary cells Metab. Eng. 2020-07-11 [PMID: 32663509] (WB, SDS-Page)



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Products Related to NBP2-45527

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-88951PEP	Beta-1,3-N-Acetylglucosaminyltransferase 2/B3GNT2 Recombinant Protein Antigen

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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