

# Product Datasheet

## O-GlcNAc Transferase p110 subunit Antibody (678) - Azide and BSA Free NBP2-43590

Unit Size: 0.1 ml

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

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**NBP2-43590**

O-GlcNAc Transferase p110 subunit Antibody (678) - Azide and BSA Free

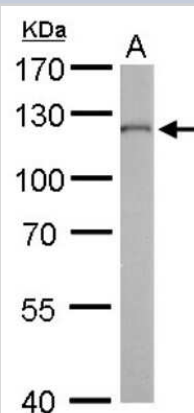
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	678
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	117 kDa

Product Description	
<b>Description</b>	Novus Biologicals Mouse O-GlcNAc Transferase p110 subunit Antibody (678) - Azide and BSA Free (NBP2-43590) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	8473
<b>Gene Symbol</b>	OGT
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human O-GlcNAc Transferase p110 subunit. The exact sequence is proprietary.

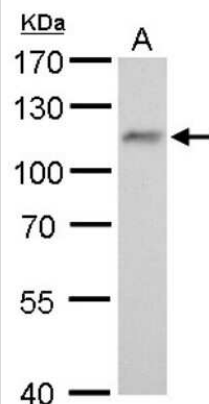
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, CyTOF-reported
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:3000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000, CyTOF-reported
<b>Application Notes</b>	This O-GlcNAc Transferase p110 subunit Antibody (678) is validated for CyTOF from a verified customer review.

**Images**

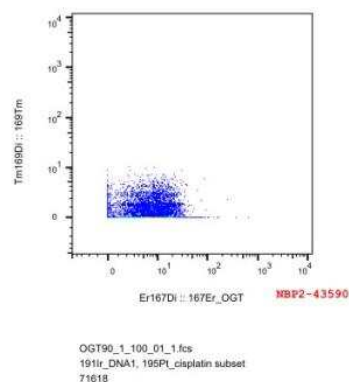
Western Blot: O-GlcNAc Transferase p110 subunit Antibody (678) [NBP2-43590] - Analysis of 50 ug mouse brain lysate/extract by 7.5% SDS-PAGE. O-GlcNAc transferase antibody [6G8] at 1:500.



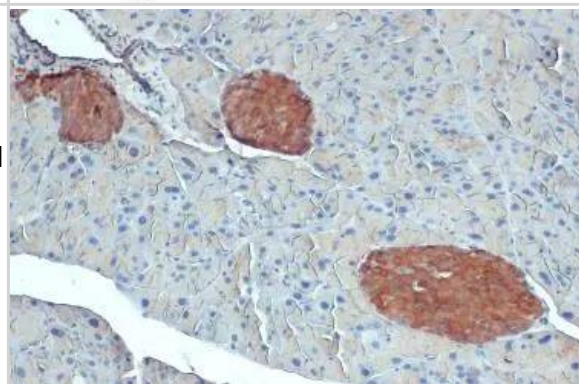
Western Blot: O-GlcNAc Transferase p110 subunit Antibody (678) [NBP2-43590] - Analysis of 30 ug PC-12 whole cell lysate/extract by 7.5% SDS-PAGE. O-GlcNAc transferase antibody [6G8] at 1:500.



CytoTOF-reported: O-GlcNAc Transferase p110 subunit Antibody (678) [NBP2-43590] - Mouse spleen cells were analyzed using NBP2-43590-167Er at 1:100. CyTOF image submitted by a verified customer review.



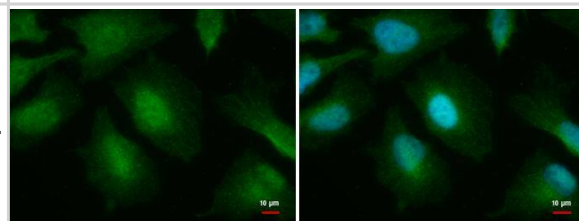
Immunohistochemistry-Paraffin: O-GlcNAc Transferase p110 subunit Antibody (678) [NBP2-43590] - O-GlcNAc Transferase p110 subunit antibody [GT678] detects O-GlcNAc Transferase p110 subunit protein at cytoplasm of islet by immunohistochemical analysis. Sample: Paraffin-embedded mouse pancreas. O-GlcNAc Transferase p110 subunit stained by O-GlcNAc Transferase p110 subunit antibody [GT678] (NBP2-43590) diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



O-GlcNAc transferase antibody [GT678] detects O-GlcNAc transferase protein at nucleus (mainly) and cytoplasm (less) by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: O-GlcNAc transferase protein stained by O-GlcNAc transferase antibody [GT678] (NBP2-43590) diluted at 1:500.  
Blue: Hoechst 33342 staining.





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### **Products Related to NBP2-43590**

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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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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