

# 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

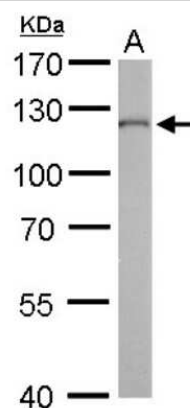
| Product Information     |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                                           |
| 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               | Monoclonal                                                                                                       |
| Clone                   | 678                                                                                                              |
| Preservative            | No Preservative                                                                                                  |
| Isotype                 | IgG2a                                                                                                            |
| Purity                  | Protein G purified                                                                                               |
| Buffer                  | PBS                                                                                                              |
| Target Molecular Weight | 117 kDa                                                                                                          |

| Product Description |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | 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. |
| Host                | Mouse                                                                                                                                                                                                                                       |
| Gene ID             | 8473                                                                                                                                                                                                                                        |
| Gene Symbol         | OGT                                                                                                                                                                                                                                         |
| Species             | Human, Mouse, Rat                                                                                                                                                                                                                           |
| Immunogen           | Recombinant protein encompassing a sequence within the center region of human O-GlcNAc Transferase p110 subunit. The exact sequence is proprietary.                                                                                         |

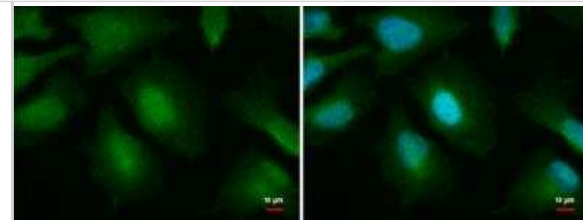
| Product Application Details |                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------|
| Applications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

**Images**

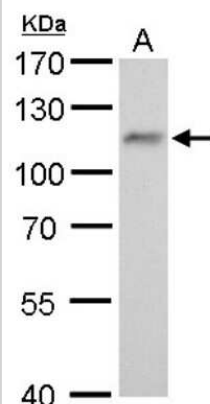
Western Blot: O-GlcNAc Transferase p110 subunit Antibody (678) [NBP2-43590] - Analysis of 50 ug mouse brain lysate/extract by 7.5% SDS-PAGE. O-GlcNAc transferase antibody [6G8] at 1:500.



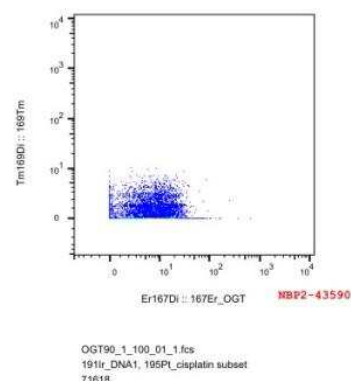
**Immunocytochemistry/Immunofluorescence:** O-GlcNAc Transferase p110 subunit Antibody (678) [NBP2-43590] - Analysis of Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: O-GlcNAc transferase protein stained by O-GlcNAc transferase antibody [678] diluted at 1:500. Blue: Hoechst 33342 staining.



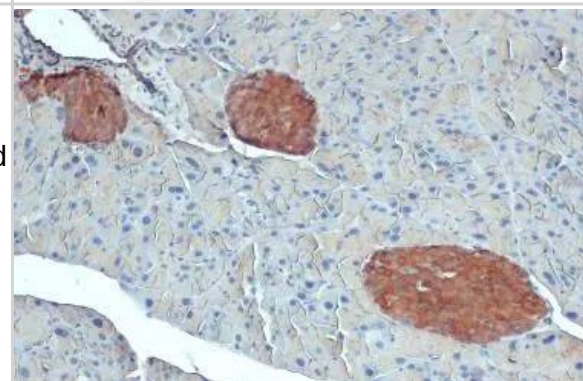
**Western Blot:** O-GlcNAc Transferase p110 subunit Antibody (678) [NBP2-43590] - Analysis of 30 ug PC-12 whole cell lysate/extract by 7.5% SDS-PAGE. O-GlcNAc transferase antibody [6G8] at 1:500.



**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



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**Products Related to NBP2-43590**

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|               |                                                               |
|---------------|---------------------------------------------------------------|
| 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)                             |
| NBP1-89844PEP | O-GlcNAc Transferase p110 subunit Recombinant Protein Antigen |

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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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