

# Product Datasheet

## **O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free NBP3-25586**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-25586**

O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1641
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

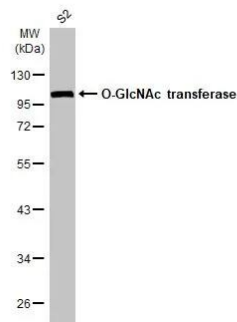
<b>Host</b>	Rabbit
<b>Gene ID</b>	8473
<b>Gene Symbol</b>	OGT
<b>Species</b>	Human, Mouse, Rat, Drosophila
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human O-GlcNAc Transferase p110 subunit. The exact sequence is proprietary.

**Product Application Details**

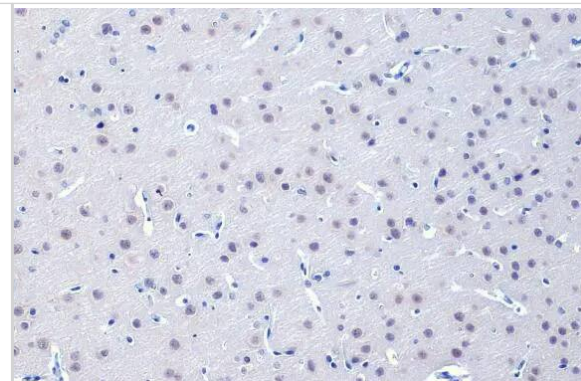
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin

**Images**

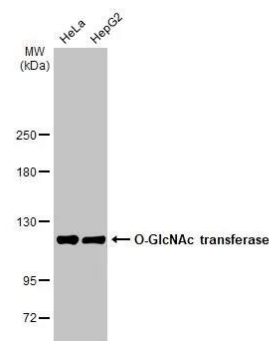
Western Blot: O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free [NBP3-25586] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with O-GlcNAc transferase antibody [HL1641] (NBP3-25586) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



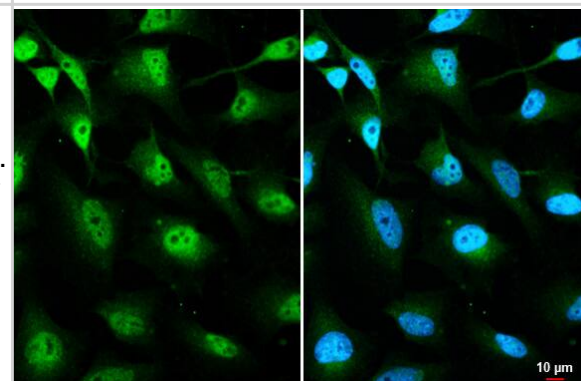
**Immunohistochemistry-Paraffin:** O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free [NBP3-25586] - O-GlcNAc transferase antibody [HL1641] detects O-GlcNAc transferase protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. O-GlcNAc transferase stained by O-GlcNAc transferase antibody [HL1641] (NBP3-25586) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



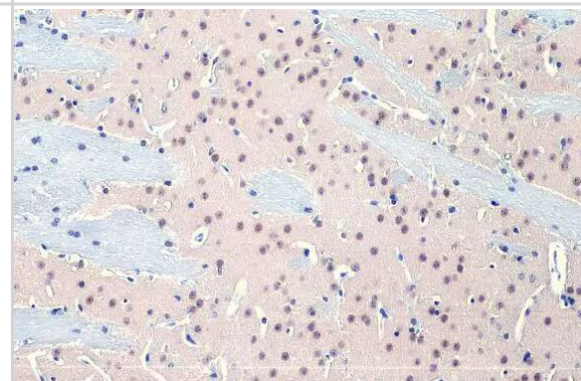
**Western Blot:** O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free [NBP3-25586] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with O-GlcNAc transferase antibody [HL1641] (NBP3-25586) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



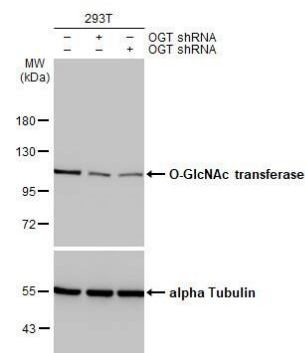
**Immunocytochemistry/Immunofluorescence:** O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free [NBP3-25586] - O-GlcNAc transferase antibody [HL1641] detects O-GlcNAc transferase protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: O-GlcNAc transferase stained by O-GlcNAc transferase antibody [HL1641] (NBP3-25586) diluted at 1:500. Blue: Fluoroshield with DAPI .



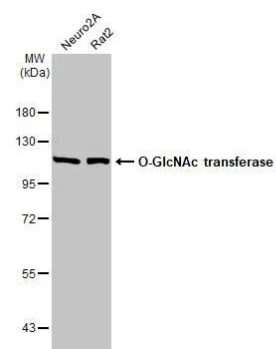
**Immunohistochemistry-Paraffin:** O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free [NBP3-25586] - O-GlcNAc transferase antibody [HL1641] detects O-GlcNAc transferase protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. O-GlcNAc transferase stained by O-GlcNAc transferase antibody [HL1641] (NBP3-25586) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Knockdown Validated: O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free [NBP3-25586] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with O-GlcNAc transferase antibody [HL1641] (NBP3-25586) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: O-GlcNAc Transferase p110 subunit Antibody (HL1641) - Azide and BSA Free [NBP3-25586] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with O-GlcNAc transferase antibody [HL1641] (NBP3-25586) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP3-25586**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-89845PEP	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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