

O-GlcNAc transferase antibody [GT678]

Cat. No. GTX629812

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 117 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human O-GlcNAc transferase. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

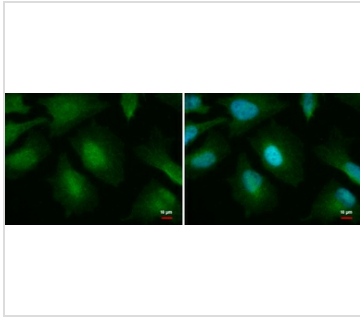
Note

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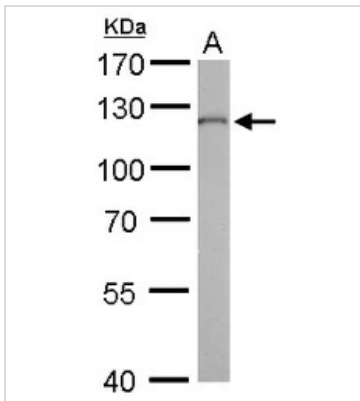
DATA IMAGES

GTX629812 ICC/IF Image

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] (GTX629812) diluted at 1:500.

Blue: Hoechst 33342 staining.


GTX629812 WB Image

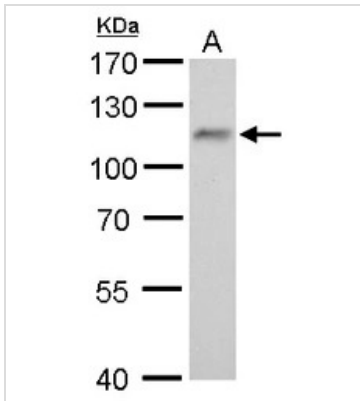
O-GlcNAc transferase antibody [GT6G8] detects O-GlcNAc transferase protein by western blot analysis.

A. 50 µg mouse brain lysate/extract

7.5% SDS-PAGE

O-GlcNAc transferase antibody [GT6G8] (GTX629812) dilution: 1:500

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX629812 WB Image

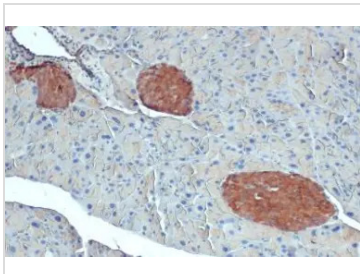
O-GlcNAc transferase antibody [GT6G8] detects O-GlcNAc transferase protein by western blot analysis.

A. 30 µg PC-12 whole cell lysate/extract

7.5% SDS-PAGE

O-GlcNAc transferase antibody [GT6G8] (GTX629812) dilution: 1:500

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX629812 IHC-P Image

O-GlcNAc transferase antibody [GT678] detects O-GlcNAc transferase protein at cytoplasm of islet by immunohistochemical analysis.

Sample: Paraffin-embedded mouse pancreas.

O-GlcNAc transferase stained by O-GlcNAc transferase antibody [GT678] (GTX629812) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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