

Product Datasheet

O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free NBP1-81244

Unit Size: 0.1 ml

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

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Publications: 3

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Updated 12/2/2025 v.20.1

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NBP1-81244

O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free

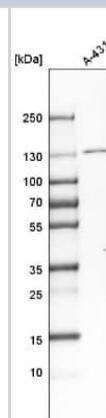
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free (NBP1-81244) is a polyclonal antibody validated for use in IHC and WB. Anti-O-GlcNAcase/OGA/MGEA5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10724
Gene Symbol	OGA
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: WTGPKVVSKEIPVESIEEVSKIIKRAPVIWDNIHANDYDQKRLFLGPYKGRSTELI PRLKGVLTNPNCFEANYVAIHTLATWYKSNMNGVRKDVVM

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Western Blot: O-GlcNAcase/OGA/MGEA5 Antibody [NBP1-81244] - Analysis in human cell line A-431.



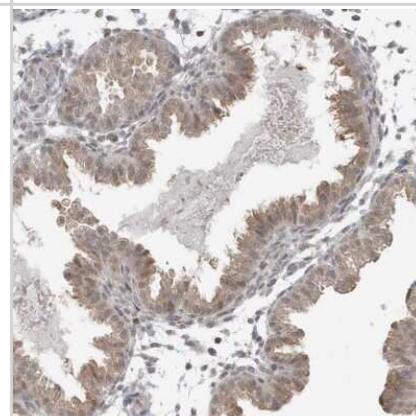
Immunohistochemistry-Paraffin: O-GlcNAcase/OGA/MGEA5 Antibody [NBP1-81244] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



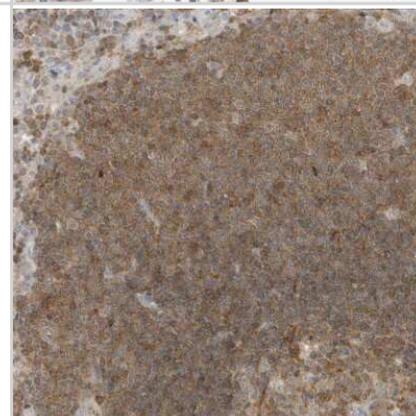
Immunohistochemistry-Paraffin: O-GlcNAcase/OGA/MGEA5 Antibody [NBP1-81244] - Staining of human testis shows strong cytoplasmic positivity in spermatogonia in seminiferus ducts.



Immunohistochemistry-Paraffin: O-GlcNAcase/OGA/MGEA5 Antibody [NBP1-81244] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: O-GlcNAcase/OGA/MGEA5 Antibody [NBP1-81244] - Staining of human lymph node shows moderate to strong cytoplasmic positivity in germinal center cells.



Publications

Olson A, Zhu W, Ledee D Sex alters thyroid hormone's effect on protein O-GlcNAcylation in the aged mouse heart. BMC molecular and cell biology 2025-06-10 [PMID: 40495125]

Akihito Ishikita, Shouji Matsushima, Soichiro Ikeda, Kosuke Okabe, Ryohei Nishimura, Tomonori Tadokoro, Nobuyuki Enzan, Taishi Yamamoto, Masashi Sada, Yoshitomo Tsutsui, Ryo Miyake, Masataka Ikeda, Tomomi Ide, Shintaro Kinugawa, Hiroyuki Tsutsui GFAT2 mediates cardiac hypertrophy through HBP-O-GlcNAcylation-Akt pathway iScience 2021-12-17 [PMID: 34934932]

Zhu WZ, Ledee D, Olson AK Temporal regulation of protein O-GlcNAc levels during pressure-overload cardiac hypertrophy Physiological reports 2021-08-01 [PMID: 34337900] (WB, Mouse)





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Products Related to NBP1-81244

NBP1-81244PEP	O-GlcNAcase/OGA/MGEA5 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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