

Product Datasheet

O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free NBP2-32233

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP2-32233

O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

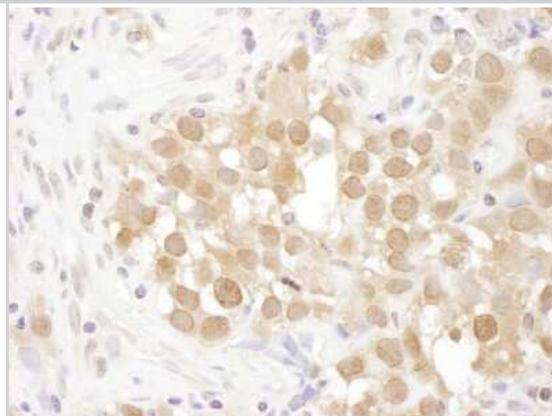
Product Description	
Description	Novus Biologicals Rabbit O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free (NBP2-32233) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-O-GlcNAcase/OGA/MGEA5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10724
Gene Symbol	OGA
Species	Human
Immunogen	The immunogen this antibody was made to, maps to a region between residue 500 to 550 of human Meningioma Expressed Antigen 5 using the numbering given in entry NP_036347.1 (GeneID 10724).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunohistochemistry 1:1000 - 1:5000 , Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

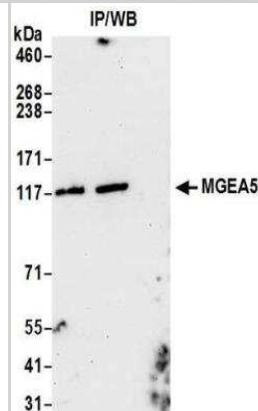


Images

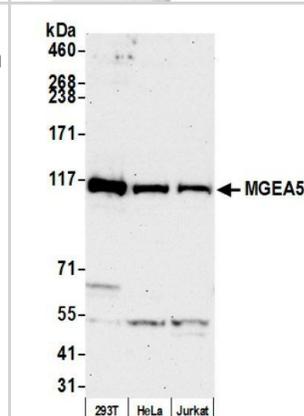
Immunohistochemistry-Paraffin: O-GlcNAcase/OGA/MGEA5 Antibody [NBP2-32233] - Section of human testicular seminoma. Antibody: Affinity purified rabbit anti- MGEA5 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



Immunoprecipitation: O-GlcNAcase/OGA/MGEA5 Antibody [NBP2-32233] - Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-MGEA5 antibody NBP2-32233 used for IP at 6 ug per reaction. MGEA5 was also immunoprecipitated by rabbit anti-MGEA5 antibody BL15772. For blotting immunoprecipitated MGEA5, NBP2-32233 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western Blot- O-GlcNAcase/OGA/MGEA5 Antibody [NBP2-32233] - Human MGEA5 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MGEA5 antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Publications

Pagesy P, Bouaboud A, Feng Z et al. Short O-GlcNAcase Is Targeted to the Mitochondria and Regulates Mitochondrial Reactive Oxygen Species Level Cells 2022-06-02 [PMID: 35681522] (WB, Mouse, Human)

Al-Mukh, H, Baudoin, L Et al. Lipopolysaccharide Induces GFAT2 Expression to Promote O-Linked beta -N-Acetylglucosamylation and Attenuate Inflammation in Macrophages. J Immunol 2020-11-01 [PMID: 32978282] (Chemotaxis, Human)



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Products Related to NBP2-32233

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57562PEP	O-GlcNAcase/OGA/MGEA5 Recombinant Protein Antigen

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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