

Product Datasheet

O-GlcNAc Antibody NB300-524SS

Unit Size: 0.02 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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Updated 6/15/2014 v.20.1

NB300-524SS

O-GlcNAc Antibody (RL2)

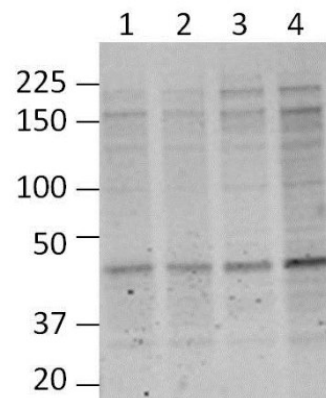
Product Information	
Unit Size	0.02 ml
Concentration	2.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RL2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	IgG purified
Buffer	PBS
Target Molecular Weight	117 kDa kDa

Product Description	
Host	Mouse
Species	Human, Mouse, Rat, Bovine, Drosophila, Fish, Virus, Xenopus
Species Reactivity	May also react with a wide variety of mammals.
Specificity/Sensitivity	Detects nuclear pore complex (NPC), cytoplasmic and intranuclear O-linked glycoproteins from human, mouse, and rat tissues.
Immunogen	Pore complex-lamina fraction purified from rat liver nuclear envelopes.

Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Chromatin Immunoprecipitation 1:10-1:500, ELISA 1:100-1:2000, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:200, Immunoprecipitation 1:10-1:500, Western Blot 1:1000
Application Notes	Immunofluorescence, Western Blot, Immunoprecipitation, and Immunohistochemistry-Paraffin. Reported to work in ELISA (PMID:12029848) and ChIP (PMID: 20404350)

Images

Western Blot: O-GlcNAc Antibody (RL2) [NB300-524] - Blots containing cortical extracts from 4 individual C57BL/6 mice (Lanes 1-4) were blocked with 5% milk in TBST, and probed with MA1-072 (1:1000), followed by a fluorophore-conjugated goat anti-mouse IgG secondary antibody.



Publications

Itkonen HM, Minner S, Guldvik IJ et al. O-GlcNAc transferase integrates metabolic pathways to regulate the stability of c-MYC in human prostate cancer. *Cancer Res* 2013 May 29 [PMID: 23720054] (IHC-P, Human)

Wagner B Dias, Win D Cheung, Gerald W Hart. O-GlcNAcylation of kinases, . *Biochemical and Biophysical Research Communications*, 10.1016/j.bbrc.2012.04.124. 2012 [PMID: 22564745] (WB, Human)





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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.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

