

Product Datasheet

DPY30 Antibody 45110002-0.1mg

Unit Size: 0.1 mg

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

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45110002-0.1mg

DPY30 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	Please see the 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	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

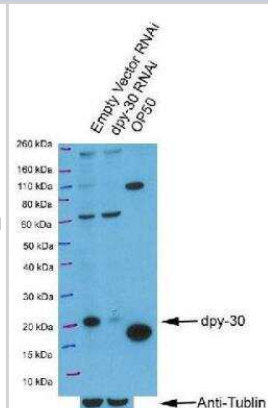
Product Description	
Host	Rabbit
Gene ID	84661
Gene Symbol	DPY30
Species	C. elegans
Reactivity Notes	Caenorhabditis elegans
Immunogen	In vivo generated recombinant protein fragme
Notes	This product was created from the ModEncode Project, a part of the NHGRI, and is sold by SDIX and Novus Biologicals. These C. elegans antibodies were generated in the labs of Jason Lieb, Susan Strome, Julie Ahringer, Arshad Desai, and Abby Dernburg.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:5000-1:20000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	This product is useful for ELISA, Western Blot, and Immunofluorescence.

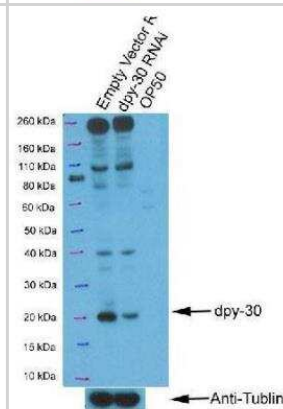


Images

Western Blot: DPY30 Antibody [45110002] - This image is specific to animal number SDQ3499 Dilution: 1:1000 Secondary antibody was donkey-anti-rabbit-HRP from GE Healthcare in 1:10000 dilution of anti-tubulin was carried out on the stripped membrane. Protein extracts from mixed stage rrf-3 worms fed bacteria containing either an empty RNAi vector (left lane), a RNAi vector targetting DPY-30 (middle lane), or an OP-50 bacterial control (right lane). The antibody targets one protein with a size of 12.8 kDa



Western Blot: DPY30 Antibody [45110002] - This image is specific to animal number SDQ3495 Dilution: 1:1000 Secondary antibody was donkey-anti-rabbit-HRP from GE Healthcare in 1:10000 dilution. As a control, a western with 1:10000 dilution of anti-tubulin was carried out on the stripped membrane. Protein extracts from mixed stage rrf-3 worms fed bacteria containing either an empty RNAi vector (left lane), a RNAi vector targetting DPY-30 (middle lane), or an OP-50 bacterial control (right lane). The antibody targets one protein with a size of 12.8 kDa



Publications

Beurton F, Stempor P, Caron M et al. Physical and functional interaction between SET1/COMPASS complex component CFP-1 and a Sin3S HDAC complex in *C. elegans* Nucleic Acids Res. 2019-10-11 [PMID: 31602465] (IP, *C. elegans*)

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.



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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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