

Product Datasheet

gfl-1 Antibody **29640002-0.1mg**

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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29640002-0.1mg

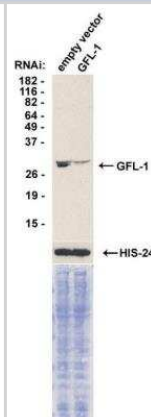
gfl-1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
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	187434
Gene Symbol	gfl-1
Species	C. elegans
Reactivity Notes	C. elegans
Specificity/Sensitivity	This GFL-1 antibody is specific for C. Elegans GFL-1
Immunogen	In vivo generated recombinant protein fragment GFL1
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 1:100-1:2000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	This product is useful for ELISA, Immunofluorescence and Western Blot.

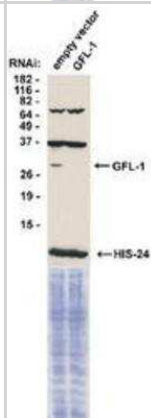


Images

Western Blot: gfl-1 Antibody [29640002] - This image is specific to animal number SDQ0834 Experimental design: RNAi was carried out in rrf-3 worms with bacteria carrying empty vector or construct targeting GFL-1. L1 worms were placed on RNAi plates and grown at 20C for three days. Proteins from worms (a mixture of L1s and gravid adults) were prepared by boiling in loading buffer and sonication, and protein concentration determined by the Lowry assay. 50 ug of each protein prep were loaded and antibody was diluted 1:6,000. The coomassie gel shows loading control. RNAi in eri-1 worms showed similar results. Band size deviates slightly from 24.9kD expected.



Western Blot: gfl-1 Antibody [29640002] - This image is specific to animal number SDQ0871 Experimental design: RNAi was carried out in nf-3 worms with bacteria carrying empty vector or a construct targeting GFL-1. L1 worms were placed on RNAi plates and grown at 20C for three days. Proteins from worms (a mixture of L1s and gravid adults) prepared by boiling in loading buffer and sonication, protein concentration determined by the Lowry assay. 50ug of each protein prep were separated by SDS-PAGE, and WB carried out with 1:6000 dilution of antibody SDQ0871 and 1:10000 dilution of donkey-anti-rabbit-HRP secondary. As controls for equal loading a WB with HIS24 1:5000 was carried out on the stripped blot, and membrane stained with coomassie. Band deviates from the estimated 24.9 kD.



Publications

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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