

Product Datasheet

mes-4 Antibody

29400002-0.1mg

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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29400002-0.1 mg

mes-4 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

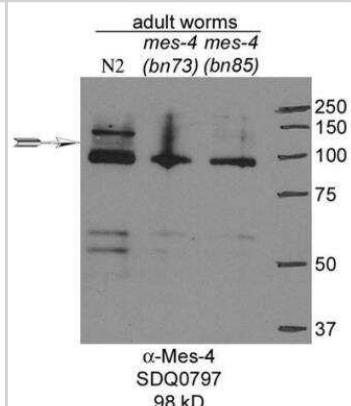
Host	Rabbit
Gene Symbol	MES4
Species	<i>C. elegans</i>
Reactivity Notes	<i>C. elegans</i>
Immunogen	In vivo generated recombinant protein fragment from MES4
Notes	This product was created from the ModEncode Project, a part of the NHGRI, and is sold by SDIX and Novus Biologicals. These <i>C. elegans</i> antibodies were generated in the labs of Jason Lieb, Susan Strome, Julie Ahringer, Arshad Desai, and Abby Dernburg.

Product Application Details

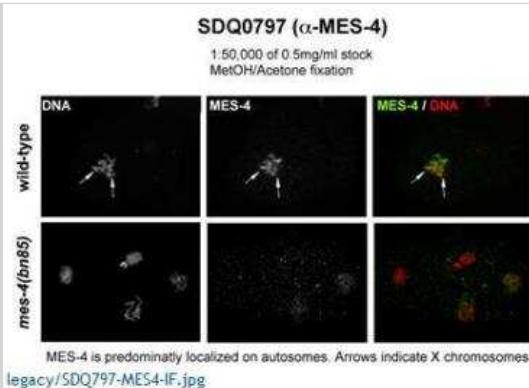
Applications	Western Blot, Chromatin Immunoprecipitation, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, Chromatin Immunoprecipitation 1:10-1:500, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:10-1:500
Application Notes	This antibody works in Chromatin Immunoprecipitation (animal number SDQ0791 only), ELISA and Immunofluorescence. Use in Immunohistochemistry reported in scientific literature (PMID 24252776)

Images

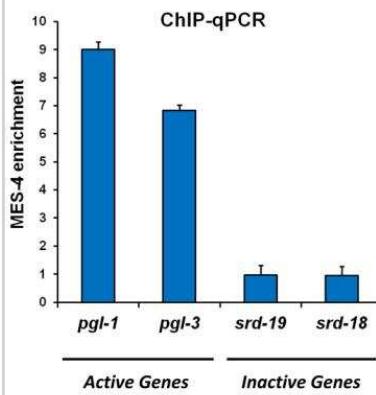
Western Blot: mes-4 Antibody [29400002] - This image is specific to animal number SDQ0797



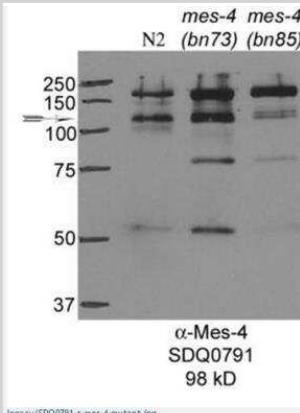
Immunocytochemistry/Immunofluorescence: mes-4 Antibody [29400002]
 - This image is specific to animal number SDQ0797



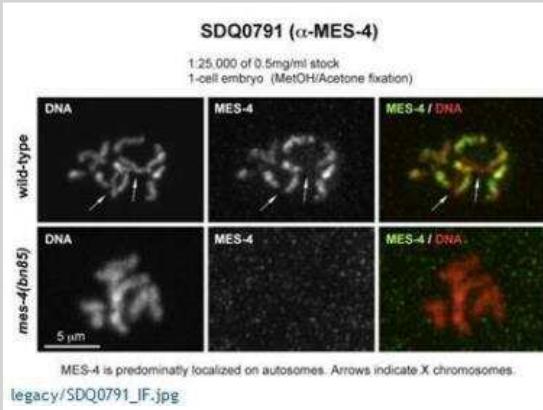
Chromatin Immunoprecipitation: mes-4 Antibody [29400002] - MES-4 ChIP-qPCR using L4 C. elegans Chromatin Extract. Image from confirmed customer review.



Western Blot: mes-4 Antibody [29400002] - This image is specific to animal number SDQ0791



Immunocytochemistry/Immunofluorescence: mes-4 Antibody [29400002]
 - This image is specific to animal number SDQ0791 1:25,000-50,000 of 0.5 mg/ml stock 1:50000 Affinity Purified [AD]



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.

Cecere G, Hoersch S, O'Keeffe S et al. Global effects of the CSR-1 RNA interference pathway on the transcriptional landscape. Nat. Struct. Mol. Biol. 2014-04-01 [PMID: 24681887] (Chemotaxis, *C. elegans*)

Custer LM, Snyder MJ, Flegel K, Csankovszki G. The onset of *C. elegans* dosage compensation is linked to the loss of developmental plasticity. Dev Biol. 2013-11-16 [PMID: 24252776] (ICC/IF, IF/IHC, *C. elegans*)



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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 100% guarantee, please visit www.novusbio.com/guarantee

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