

# Product Datasheet

## HIM-3 Antibody 53470002-0.1mg

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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**53470002-0.1mg**

HIM-3 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	177462
Gene Symbol	HIM3
Species	C. elegans
Reactivity Notes	C. elegans
Immunogen	In vivo generated recominant protein fragment
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	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	Use in Immunohistochemistry reported in scientific literature (PMID26764090)



## Publications

Schedl T, Chen J, Mohammad A, Pazdernik N GLP-1 Notch-LAG-1 CSL control of the germline stem cell fate is mediated by transcriptional targets *lst-1* and *sygl-1* PLoS Genet 2020-03-21 [PMID: 32196486]

Li Y, Shi W, Liu S et al. Global fitting for high-accuracy multi-channel single-molecule localization Nature communications 2022-06-06 [PMID: 35668089]

Hurlock ME, Cavka I, Kursel LE et al. Identification of novel synaptonemal complex components in *C. elegans* J. Cell Biol. 2020-05-04 [PMID: 32211899] (ICC/IF, *C. elegans*)

Park Y, O'Rourke S, Taki FA et al. Dose-Dependent Effects of GLD-2 and GLD-1 on Germline Differentiation and Dedifferentiation in the Absence of PUF-8 Front Cell Dev Biol 2020-01-24 [PMID: 32039211] (ICC/IF)

Sato-Carlton A, Nakamura-Tabuchi C, Chartrand SK et al. Phosphorylation of the synaptonemal complex protein SYP-1 promotes meiotic chromosome segregation bioRxiv 2017-10-31 [PMID: 29222184] (ICC/IF, *C. elegans*)

Seidel HS, Kimble J. Cell-cycle quiescence maintains *Caenorhabditis elegans* germline stem cells independent of GLP-1/Notch. Elife 2015-01-01 [PMID: 26551561]

Matsuura R, Ashikawa T, Nozaki Y et al. LIN-41 inactivation leads to delayed centrosome elimination and abnormal chromosome behavior during female meiosis in *Caenorhabditis elegans*. Mol. Biol. Cell. 2016-01-13 [PMID: 26764090] (IF/IHC, *C. elegans*)

Sato-Carlton A, Li X, Crawley O et al. Protein phosphatase 4 promotes chromosome pairing and synapsis, and contributes to maintaining crossover competence with increasing age. PLoS Genet. 2014-10-01 [PMID: 25340746] (ICC/IF, *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.

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