

# Product Datasheet

## Iem-2 Antibody 48540002-0.1mg

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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**48540002-0.1mg**

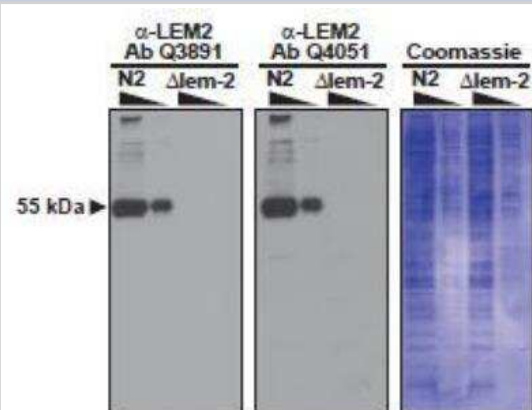
lem-2 Antibody

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 mg  |
| Concentration               | 1 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                     | 175058  |
| Species                     | C. elegans  |
| Reactivity Notes            | Caenorhabditis elegans  |
| Immunogen                   | MVDVEKMSDAELRAELNVRGANVGPVTGTTRSLYEKKLKKLLSGGAKTPARPT<br>VAKPAPKPTPKSAPAPKSPKSPPARRSIPRAAATAANSTINSTFNRSEIEEMSD<br>SDDDMRDDDDDDDEEILSPKSQSSFRSANSTASSVGRGRPVSSSTPNKRLSPVY<br>KPSPVPKNTPRTTSSSSKTTINTTTTRIPSTPRRITSVPGLITDFTPSFSTFGSDR<br>PGATPPRKSIIYTSKVSKVLHDLGNTTGEEDDDDEFEGQESRIIYKTEEPSRRGIV<br>KNAWNKVLGYGFDASKNPGDSYDLRAGASRIRVQKNPRTGKVTVKQTNIFNEA<br>IYFALYVILILFVVLGAIYALTTTHRPKTADFSGYWGV LKAAGRDSL NFFYNYAILP<br>VSLGIFVVLGAGIYFGHRKYKEAKEQEEAKLYELIERITELIRESSIDGDPYVSQP<br>HVRDVLFPAPKRRSAELARWEQAVKFIDTNESRVATDVLVLP SGNECAVWKWI<br>GNQSQKRW |
| 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, Chromatin Immunoprecipitation, Immunocytochemistry/ Immunofluorescence  |
| Recommended Dilutions       | Western Blot 1:100-1:2000, Chromatin Immunoprecipitation 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:2000  |
| Application Notes           | This antibody works in Western Blot, Immunofluorescence and Chromatin Immunoprecipitation.  |

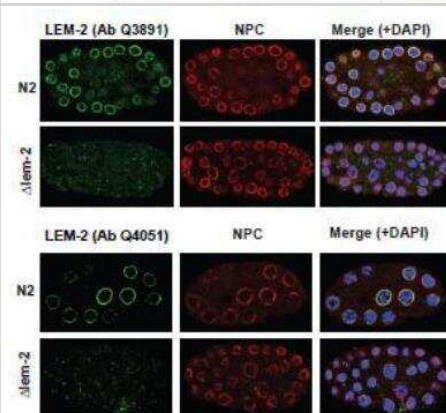


## Images

Western Blot: lem-2 Antibody [48540002] - This image is specific to animal number SDQ3891 Samples: N2 embryos (N2) or embryos from a lem-2 null mutant ( $\Delta$ lem-2, VC1317) Antibody concentration: 1:5000 dilution



Immunocytochemistry/Immunofluorescence: lem-2 Antibody [48540002] - This image is specific to animal number SDQ3891 Samples: N2 embryos (N2) or embryos from a lem-2 null mutant ( $\Delta$ lem-2, VC1317) mixed with 1% HCHO Antibody concentration: anti-LEM-2 antibodies: 1:1000 dilution anti-NPC antibody (mAb414): 1:400 dilution





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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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