

## Product datasheet

# Anti-Axons of the Drosophila CNS antibody [BP102] ab12455

★★★★☆ 1 Abreviews 17 References 3 Images

### Overview

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<b>Product name</b>	Anti-Axons of the Drosophila CNS antibody [BP102]
<b>Description</b>	Mouse monoclonal [BP102] to Axons of the Drosophila CNS
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, IHC-FoFr, ICC, ICC/IF, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Drosophila melanogaster
<b>Immunogen</b>	Other Immunogen Type corresponding to Axons of the Drosophila CNS.
<b>General notes</b>	This antibody clone is manufactured by Abcam.  If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a> or you can find further information <a href="#">here</a> .

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: PBS, pH 7.4
<b>Purity</b>	IgG fraction
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	BP102
<b>Myeloma</b>	NS1
<b>Isotype</b>	IgG2a

### Applications

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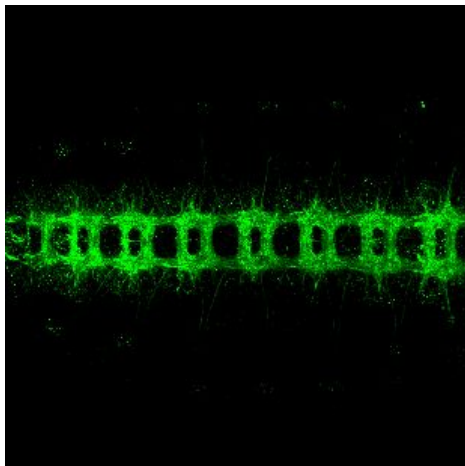
Our [Abpromise guarantee](#) covers the use of **ab12455** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr	★★★★☆	1/1000.
IHC-FoFr		1/1000.
ICC		1/1000.
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

## Target

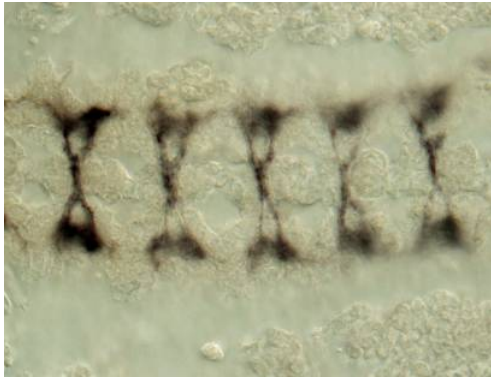
## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Axons of the Drosophila CNS antibody [BP102] (ab12455)

ab12455 used in immunofluorescence at 1/1000 on Drosophila embryos. The protocol used is available in the Neuroscience Abwire in the protocols section.

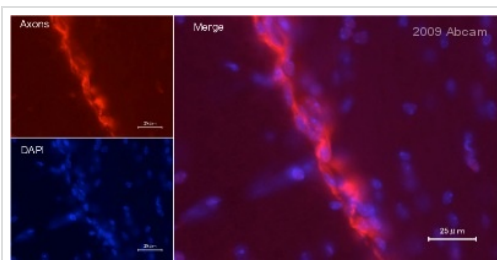
Briefly, embryos were fixed with PBS, formaldehyde and n-heptane. Embryos were then dechorionated with 100% bleach and rehydrated with PBT (PBS with 0.3% Tritone added) before antibody staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Axons of the Drosophila CNS antibody [BP102] (ab12455)

ab12455 used in immunohistochemistry at 1/1000 on Drosophila embryos. The protocol used is available in the Neuroscience Abwire in the protocols section.

Briefly, embryos were fixed with PBS, formaldehyde and n-heptane. Embryos were then dechorionated with 100% bleach and rehydrated with PBT (PBS with 0.3% Tritone added) before antibody staining. Visualisation was with alkaline phosphatase.



Immunohistochemistry (Frozen sections) - Anti-Axons of the Drosophila CNS antibody [BP102] (ab12455)

This image is a courtesy of Anonymous Abreview

ab12455 staining axons in mouse brain tissue section by Immunohistochemistry (Frozen sections). Tissue samples were fixed with paraformaldehyde and blocking with a solution that contains 2% Block Ace, 0.05% Triton X-100 and PBS was performed at 25°C for 1 hour. The sample was incubated with primary antibody (1/1000) in a dilution buffer containing 2% Block Ace, 0.05% Triton X-100 and PBS at 4°C for 12 hours. Cy3<sup>®</sup>-conjugated donkey polyclonal to mouse IgG was used as secondary antibody at 1/500 dilution.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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