




### Anti-BOC antibody ab217007

[1 Abreviews](#) [1 Image](#)

#### Overview

Product name	Anti-BOC antibody
Description	Rabbit polyclonal to BOC
Host species	Rabbit
Tested applications	<b>Suitable for:</b> IHC-P
Species reactivity	<b>Reacts with:</b> Rat <b>Predicted to work with:</b> Mouse, Human 
Immunogen	Synthetic peptide within Human BOC aa 450-550 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b>contact</b> our Scientific Support team to discuss your requirements. Database link: <a href="#">Q9BWV1</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
Positive control	Rat muscle tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
Purity	Protein A purified
Clonality	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab217007 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-P		1/50 - 1/200. (Using a fluorescent secondary antibody).

## Target

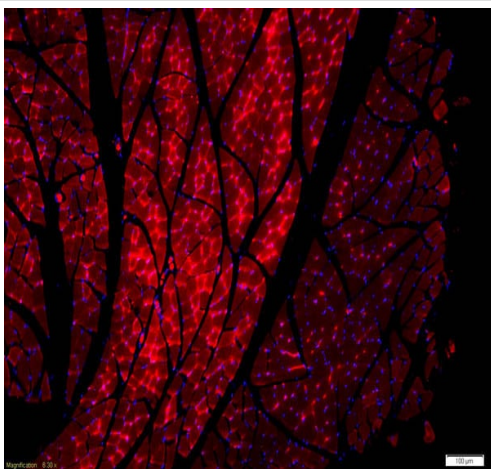
### Relevance

Brother of CDO (BOC) interacts with Hedgehog (Hh) via a specific FNIII domain and belongs to the Ihog (interference hedgehog) family of proteins. Zebrafish BOC is expressed predominantly in the developing neural plate and later in the neural tube and developing brain.

### Cellular localization

Cell membrane; Single pass type I membrane protein. Note: Enriched at sites of cell-cell contact.

## Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded rat muscle tissue labeling BOC with ab217007 at 1/200 dilution, overnight at 4°C. The secondary antibody was Goat anti-rabbit IgG, Cy3 conjugated at 1/200 dilution for 40 minutes at 37°C.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BOC antibody (ab217007)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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