


## Product datasheet

# Anti-15-LOX-2 antibody ab113488

[2 Images](#)

### Overview

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<b>Product name</b>	Anti-15-LOX-2 antibody
<b>Description</b>	Rabbit polyclonal to 15-LOX-2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Recombinant fragment corresponding to Human 15-LOX-2 aa 21-262. (BC035217)
<b>Positive control</b>	1B8 cell lysate; Human fetal lung tissue.
<b>General notes</b>	<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

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<b>Form</b>	Lyophilized:Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituent: 1% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab113488 is purified by a protein affinity column.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

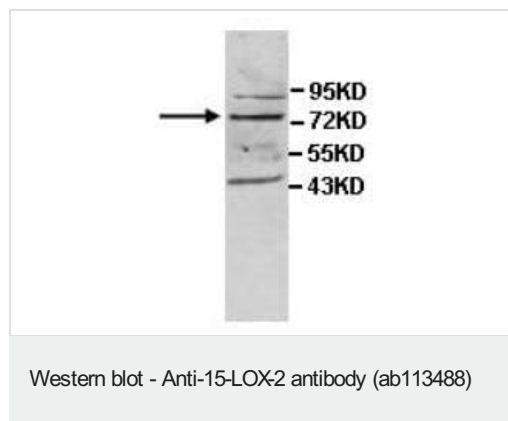
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab113488 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 76 kDa.
IHC-P		1/100 - 1/500.

## Target

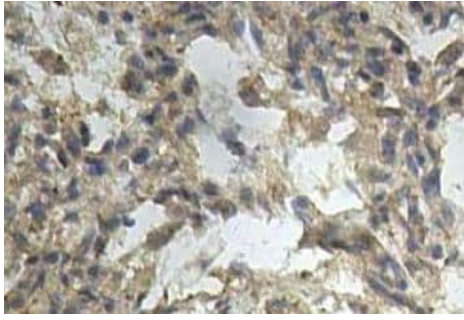
<b>Function</b>	Converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while linoleic acid is less well metabolized.
<b>Tissue specificity</b>	Expressed in hair, prostate, lung and cornea.
<b>Pathway</b>	Lipid metabolism; leukotriene D4 biosynthesis.
<b>Sequence similarities</b>	Belongs to the lipoxygenase family. Contains 1 lipoxygenase domain. Contains 1 PLAT domain.
<b>Cellular localization</b>	Cytoplasm.

## Images



Anti-15-LOX-2 antibody (ab113488) at 1/500 dilution + IB8 cell lysate

**Predicted band size:** 76 kDa



ab113488 at 1/100 dilution staining 15-LOX-2 in Formalin-fixed, Paraffin-embedded Human fetal lung tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-15-LOX-2 antibody (ab113488)

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors