

## Product datasheet

### Anti-LPO antibody ab231026

[7 Images](#)

#### Overview

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<b>Product name</b>	Anti-LPO antibody
<b>Description</b>	Rabbit polyclonal to LPO
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human
<b>Immunogen</b>	Recombinant fragment (His-tag) corresponding to Rat LPO aa 350-600. (Expressed in E.coli). Database link: <a href="#">P22079</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Human saliva; Recombinant rat LPO protein. IHC-P: Rat testis, stomach, intestine, kidney and pancreas tissues.
<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>	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 long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231026 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab231026 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		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 78 kDa.

## Target

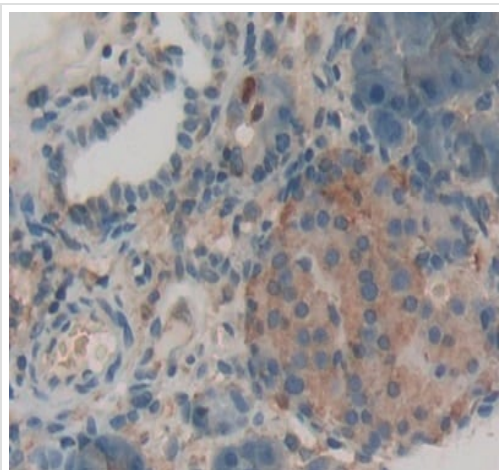
**Function** Antimicrobial agent which utilizes hydrogen peroxide and thiocyanate (SCN) to generate the antimicrobial substance hypothiocyanous acid (HOSCN) (By similarity). May contribute to airway host defense against infection.

**Tissue specificity** Mammary gland; milk and salivary gland. Found in bronchial submucosal glands.

**Sequence similarities** Belongs to the peroxidase family. XPO subfamily.

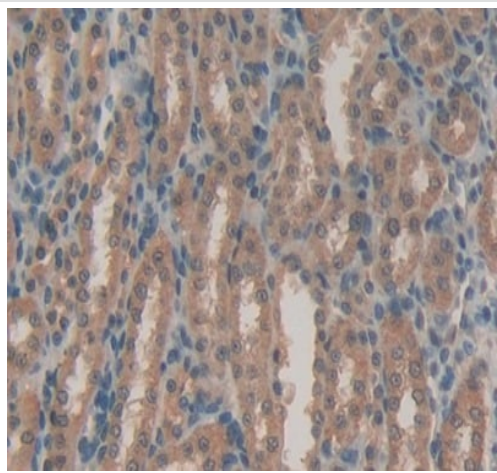
**Cellular localization** Secreted.

## Images



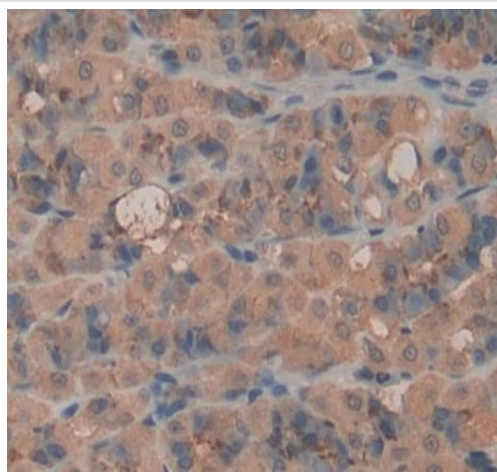
Formalin-fixed, paraffin-embedded rat pancreas tissue stained for LPO with ab231026 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LPO antibody (ab231026)



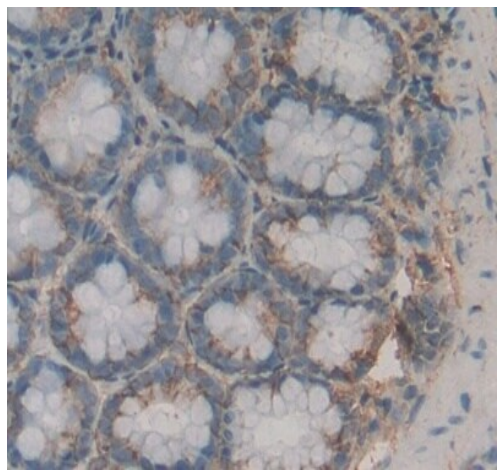
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LPO antibody (ab231026)

Formalin-fixed, paraffin-embedded rat kidney tissue stained for LPO with ab231026 at 20  $\mu\text{g/ml}$  in immunohistochemical analysis. DAB staining.



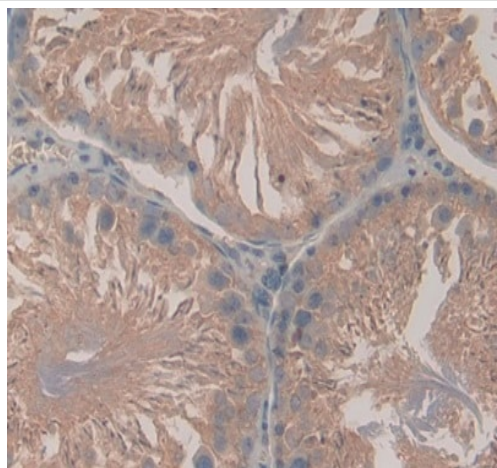
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LPO antibody (ab231026)

Formalin-fixed, paraffin-embedded rat intestine tissue stained for LPO with ab231026 at 20  $\mu\text{g/ml}$  in immunohistochemical analysis. DAB staining.



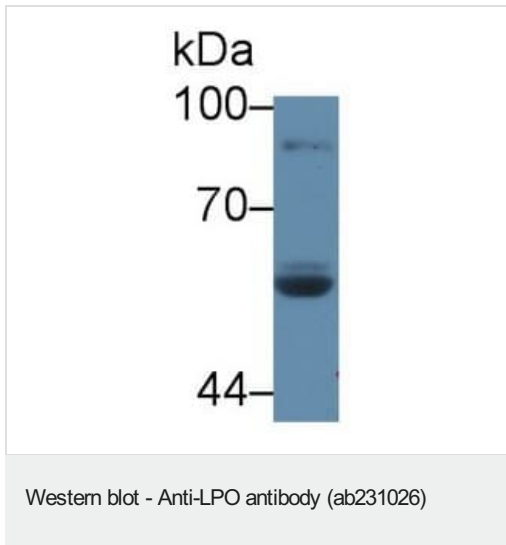
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LPO antibody (ab231026)

Formalin-fixed, paraffin-embedded rat stomach tissue stained for LPO with ab231026 at 20  $\mu\text{g/ml}$  in immunohistochemical analysis. DAB staining.



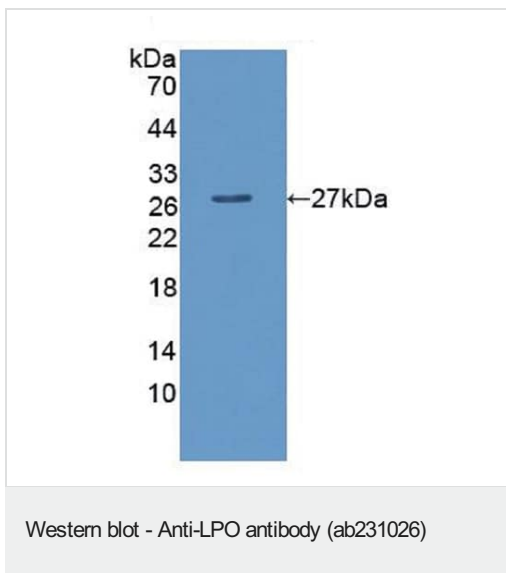
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LPO antibody (ab231026)

Formalin-fixed, paraffin-embedded rat testis tissue stained for LPO with ab231026 at 20  $\mu\text{g/ml}$  in immunohistochemical analysis. DAB staining.



Anti-LPO antibody (ab231026) at 2 µg/ml + Human saliva

**Predicted band size:** 78 kDa



Anti-LPO antibody (ab231026) at 2 µg/ml + Recombinant rat LPO protein

**Predicted band size:** 78 kDa

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

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