

Datasheet for ABIN7431542
anti-LPO antibody (AA 244-346)

2 Images

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Overview

Quantity:	100 µL
Target:	LPO
Binding Specificity:	AA 244-346
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPO antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Lactoperoxidase (LPO)
Immunogen:	Recombinant Lactoperoxidase (LPO) corresponding to Ala244~Tyr346 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LPO. It has been selected for its ability to recognize LPO in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	LPO
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Target Details

Alternative Name: Lactoperoxidase ([LPO Products](#))

Background: SPO, Salivary peroxidase

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL
1:250-2500 Immunohistochemistry: 5-20 µg/mL
1:25-100 Immunocytochemistry: 5-20 µg/mL
1:25-100 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

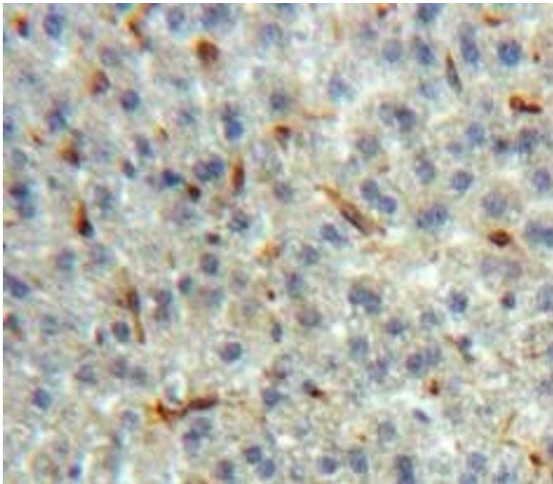
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

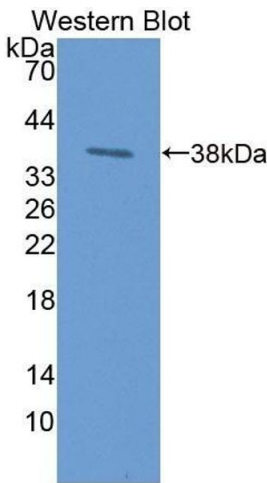
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of recombinant LPO using Polyclonal Antibody to Lactoperoxidase (LPO)