

Datasheet for ABIN7431545
anti-LPO antibody (AA 305-498)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	LPO
Binding Specificity:	AA 305-498
Reactivity:	Mouse
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 Ser305~Thr498 (Accession # Q5SW46)
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.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

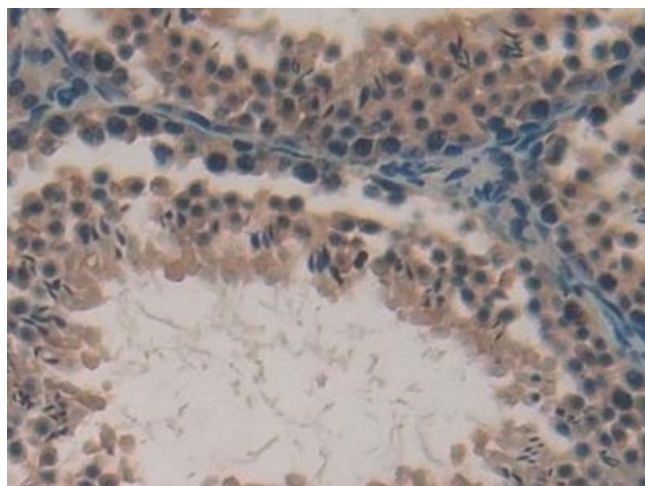
Target:	LPO
Alternative Name:	Lactoperoxidase (LPO Products)
Background:	SPO, Salivary peroxidase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

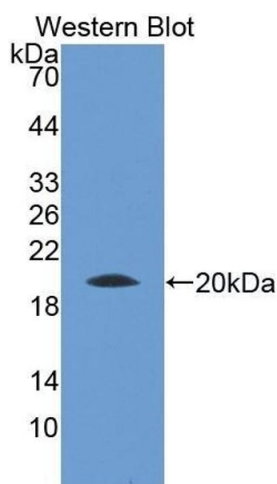
Handling

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



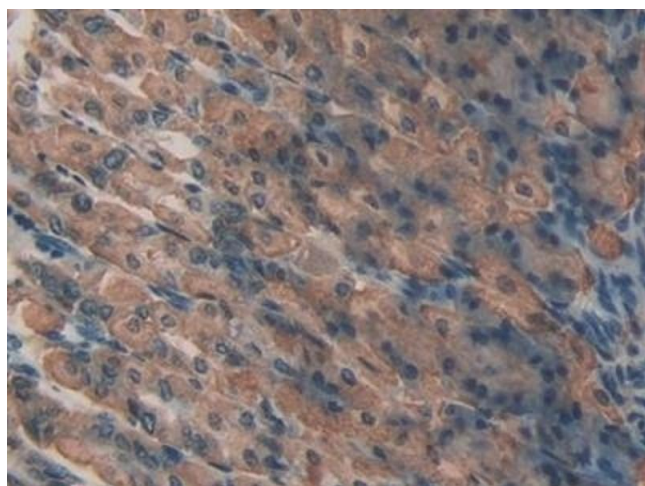
Immunohistochemistry

Image 1. Detection of LPO in Mouse Testis Tissue using Polyclonal Antibody to Lactoperoxidase (LPO)



Western Blotting

Image 2. Detection of Recombinant LPO, Mouse using Polyclonal Antibody to Lactoperoxidase (LPO)



Immunohistochemistry

Image 3. Detection of LPO in Mouse Stomach Tissue using Polyclonal Antibody to Lactoperoxidase (LPO)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7431545.