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Datasheet for ABIN5596738 anti-LPO antibody (HRP)

Image



### Overview

Quantity:	100 µg
Target:	LPO
Reactivity:	Cow
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This LPO antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	Lactoperoxidase [Bovine Milk]
	Immunogentype:Native
lsotype:	lgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Target Details	
Target:	LPO
Alternative Name:	Lactoperoxidase (LPO Products)
Gene ID:	280844
	DODDOE

UniProt: P80025

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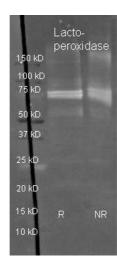
## Application Details

Application Notes:	This product has been assayed against 1.0 $\mu g$ of Lactoperoxidase [Bovine Milk] in a standard
	capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate
	for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:10,000 of the
	reconstitution concentration is suggested for this product.
	ELISA Dilution: 1:5,000 - 1:20,000 Immunoprecipitation Dilution: 1:100
	Western Blot Dilution: 1:500 - 1:5,000
Restrictions:	For Research Use only

# Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	10.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide!
Storage:	4 °C

### Images



#### Western Blotting

**Image 1.** Sheep anti Lactoperoxidase antibody ( was used to detect Lactoperoxidase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody (ON 4 C in MB-070). Detection shown was using Dylight 488 conjugated secondary antibody ( 1:10K in TBS/MB-070 1 hr RT).