

# Lactoperoxidase antibody (HRP)

**Cat. No. GTX40571**

<b>Host</b>	Sheep
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IP, Dot, ELISA
<b>Reactivity</b>	Bovine

**Package**  
1 mg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:5000
IP	1:100
Dot	Assay dependent
ELISA	1:5000-1:20000

Not tested in other applications.

**Calculated MW** 81 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	20mM Potassium Phosphate, 150mM NaCl, 1% BSA
<b>Preservative</b>	0.01% Gentamicin Sulfate
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	10 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Lactoperoxidase collected from bovine milk
<b>Purification</b>	IgG fraction This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
<b>Conjugation</b>	Horseradish peroxidase(HRP)



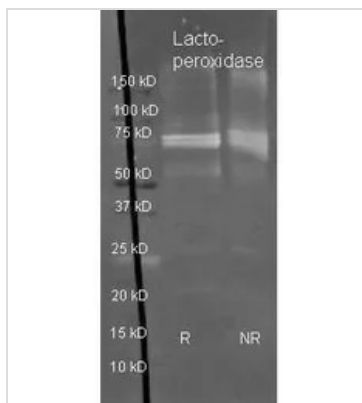
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## Note

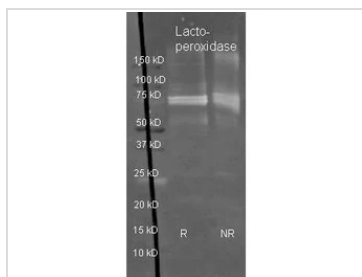
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## DATA IMAGES



### GTx40571 WB Image

Genetex 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 ).



### GTx40571 WB Image

WB analysis of reduced (R) and non-reduced (NR) bovine lactoperoxidase protein using GTx40571 Lactoperoxidase antibody (HRP).

Loading : 1 µg

Dilution : 1:3000



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