

## Lactoperoxidase antibody (HRP)

## Cat. No. GTX40571

Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IP, Dot, ELISA
Reactivity	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

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl, 1% BSA
Preservative	0.01% Gentamicin Sulfate
Storage	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.
Concentration	10 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Lactoperoxidase collected from bovine milk
Purification	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.
Conjugation	Horseradish peroxidase(HRP)



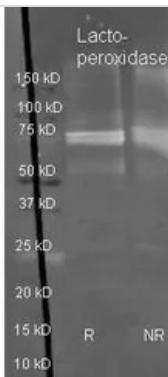
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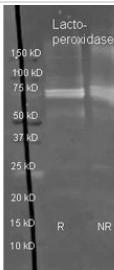
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**Note**

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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  $\mu$ g

Dilution : 1:3000



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