

## Carboxypeptidase Y antibody (HRP)

Cat. No. GTX40574

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA, IHC
Reactivity	Saccharomyces cerevisiae

Package  
1 mg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:5000
ELISA	1:14000
IHC	Assay dependent

Not tested in other applications.

## 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	Carboxypeptidase Y (S. cerevisiae (Baker's Yeast)).
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)

## Note

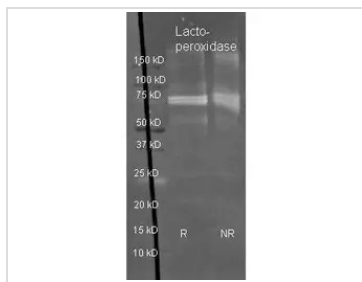
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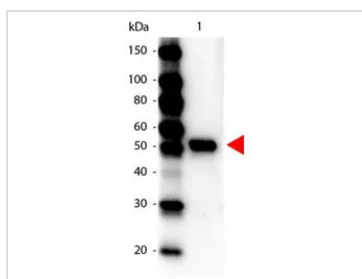
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## DATA IMAGES



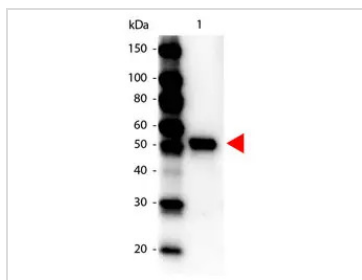
### GTx40574 WB Image

Sheep anti Lactoperoxidase antibody (GTx40571) 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 blocking buffer). Detection shown was using Dylight 488 conjugated secondary antibody (1:10K in TBS/blocking buffer 1 hr RT).



### GTx40574 WB Image

Western Blot of Peroxidase conjugated Rabbit anti-Carboxypeptidase Y Antibody (GTx40574). Lane 1: Carboxypeptidase Y. Lane 2: none. Load: 100 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase rabbit Carboxypeptidase Y antibody at 1:1,000 for 60 min at RT Block for 30 min at RT. Predicted/Observed size: 53 kDa for Carboxypeptidase Y. Other band(s): none.



### GTx40574 WB Image

WB analysis of *Saccharomyces cerevisiae* carboxypeptidase protein using GTx40574 Carboxypeptidase Y antibody (HRP).  
Loading : 100ng  
Dilution : 1:1000



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