

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

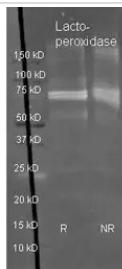
Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl, 1% BSA
Preservative	0.01% Gentamicin Sulfate
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple 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	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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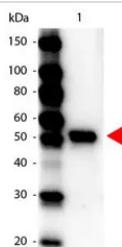
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DATA IMAGES



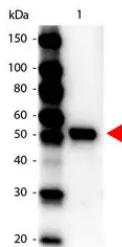
GTX40574 WB Image

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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