

Datasheet for ABIN7565868  
**anti-PRC1 antibody (HRP)**



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## Overview

Quantity:	25 µL
Target:	PRC1
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRC1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Carboxypeptidase Y Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Carboxypeptidase Y [Baker's Yeast] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Carboxypeptidase Y [Baker's Yeast].
Characteristics:	Synonyms: rabbit anti-Carboxypeptidase Y antibody peroxidase conjugation, HRP conjugated rabbit anti-Carboxypeptidase Y Antibody, Carboxypeptidase YSCY antibody, CPY1 antibody, LBC1 antibody, PRC1 antibody, Vacuolar carboxypeptidase Y antibody, YMR297W antibody, Carboxypeptidase C
Purification:	Carboxypeptidase Y 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.

## Product Details

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Sterility: Sterile filtered

## Target Details

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Target: PRC1

Alternative Name: PRC1 ([PRC1 Products](#))

Background: Background: Carboxypeptidase Y is an enzyme that catalyzes the reaction of the release of a C-terminal amino acid with broad specificity. Carboxypeptidase Y is a carboxypeptidase with optimum activity at pH 4.5-6.0. It is inhibited by diisopropyl fluorophosphate.

Gene ID: 855343

NCBI Accession: [NP\\_014026](#)

UniProt: [P00729](#)

## Application Details

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Application Notes: Application Note: Anti-Carboxypeptidase Y Peroxidase antibody has been tested by ELISA and western blot and is assayed against 1.0 µg of Carboxypeptidase Y [Baker's Yeast] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.  
Immunohistochemistry Dilution: User Optimized Western Blot Dilution: 1:1,000 - 1:5,000 ELISA Dilution: 1:2,000 - 1:10,000 Other: User Optimized

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free  
Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

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Storage: -20 °C

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Storage Comment: Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

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Expiry Date: 12 months