

Product datasheet for **TA396905S**

PRC1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1:1,000 - 1:5,000 IHC: User Optimized ELISA: 1:2,000 - 1:10,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Carboxypeptidase Y [Baker's Yeast]
Specificity:	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. 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]. Cross reactivity against Carboxypeptidase Y from other sources may occur but has not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
Storage:	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.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	P00729
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.

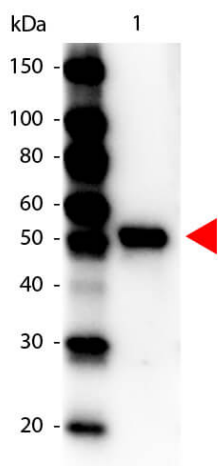


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Synonyms: rabbit anti-Carboxypeptidase Y antibody peroxidase conjugation, HRP conjugated rabbit anti-Carboxypeptidase Y Antibody, Carboxypeptidase YSCY antibody, CPY1 antibody, LBC1 antibody, PRC1 antibody, Vacuolar carboxypeptidase Y antibody, YMR297W antibody, Carboxypeptidase C

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.

Product images:



Western Blot of Peroxidase conjugated Rabbit anti-Carboxypeptidase Y Antibody. 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: MB-070 for 30 min at RT. Predicted/Observed size: 53 kDa for Carboxypeptidase Y. Other band(s): none.