

Product datasheet for **TA396904**

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
Reconstitution Method:	Restore with deionized water (or equivalent) - Reconstitution Volume: 100 µL
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
Storage:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
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.

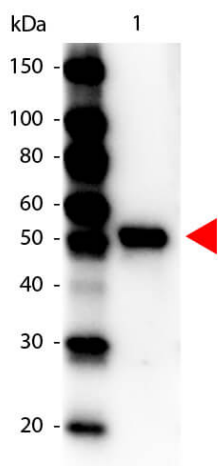


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Synonyms: rabbit anti-Carboxypeptidase Y antibody peroxidase conjugation, HRP conjugated rabbit anti-Carboxypeptidase Y Antibody, Carboxypeptidase YSCY antibody, CPY1 antibody, LBC1 antibody, PRC1 antibody, Vacuolar carboxypeptidase Y antibody, YMR297W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