

Product datasheet for **TA396915S**

PRC1 Rabbit Polyclonal Antibody

Product data:

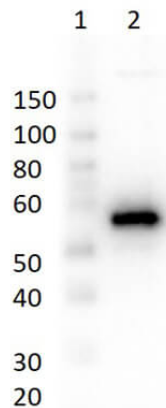
Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB: 1:500 - 1:3,000 ELISA: 1:5,000 - 1:25,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Carboxypeptidase Y [Baker's Yeast]
Specificity:	Anti-Carboxypeptidase Y is an IgG fraction antibody purified from monospecific antiserum 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-Biotin, 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:	Biotin
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



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- Background:** Anti-Carboxypeptidase Y antibody is a participant in degrading small peptides. Carboxypeptidase Y preferentially digests peptides containing aliphatic or hydrophobic residue in P1' position, as well as methionine, leucine, or phenylalanine in P1 position of ester substrate. A member of the peptidase S10 family, Anti-Carboxypeptidase Y is ideal for researchers interested in Metabolism, Signal Transduction, and Cell Biology research.
- Synonyms:** rabbit anti-Carboxypeptidase Y antibody biotin conjugation, biotin 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 Biotin Antibody has been tested by ELISA and Western Blot and is assayed against 1.0 ug of Carboxypeptidase Y in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

Product images:



Western Blot of Rabbit Anti-Carboxypeptidase Y Antibody Biotin Conjugated. Lane 1: Molecular Weight Marker. Lane 2: Carboxypeptidase Y. Primary Antibody: Anti-Carboxypeptidase Y Antibody Biotin Conjugated at 1:1000 overnight at 2-8°C. Secondary Antibody: Steptavidin-HRP (p/n S000-03) at 1:40,000 for 30 mins at RT. Block: BlockOut Buffer (p/n MB-073). Expected MW: ~60kDa.