

Datasheet for ABIN96043

anti-CPY antibody[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	2 mL
Target:	CPY
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPY antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Carboxypeptidase Y [Baker's Yeast] Immunogen type: Native
Characteristics:	Concentration Definition: by Refractometry

Target Details

Target:	CPY
Alternative Name:	Carboxypeptidase Y (CPY Products)
Background:	Synonyms: Carboxypeptidase Y antibody, Carboxypeptidase YSCY antibody, CPY1 antibody, LBC1 antibody, PRC1 antibody, Vacuolar carboxypeptidase Y antibody, YMR297W antibody
Gene ID:	855343
UniProt:	P00729

Application Details

Application Notes: This product has been assayed against 1.0 µg of Carboxypeptidase Y [Baker's Yeast] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:3,000 of the reconstitution concentration is suggested for this product.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 90 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

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

Storage: 4 °C

Publications

Product cited in: Ercan, Han, Di Nardo, Winden, Han, Hoyo, Saffari, Leask, Geschwind, Sahin: "Neuronal CTGF/CCN2 negatively regulates myelination in a mouse model of tuberous sclerosis complex." in: **The Journal of experimental medicine**, Vol. 214, Issue 3, pp. 681-697, (2017) ([PubMed](#)).

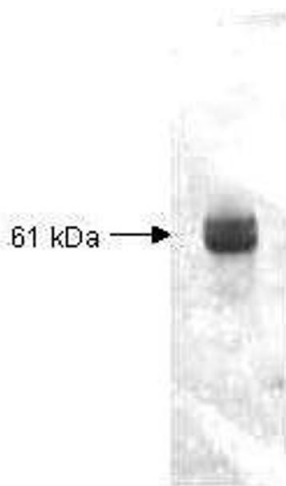
Ko, Ko, Shieh, Chi, Chen, Chen, Yu, Yang, Chang: "Advanced glycation end products influence oral cancer cell survival via Bcl-xl and Nrf-2 regulation in vitro." in: **Oncology letters**, Vol. 13, Issue 5, pp. 3328-3334, (2017) ([PubMed](#)).

van der Hoorn, de Haan, Berbée, Havekes, Jukema, Rensen, Princen: "Niacin increases HDL by reducing hepatic expression and plasma levels of cholesteryl ester transfer protein in APOE*3Leiden.CETP mice." in: **Arteriosclerosis, thrombosis, and vascular biology**, Vol. 28, Issue 11, pp. 2016-22, (2008) ([PubMed](#)).

van der Hoogt, de Haan, Westerterp, Hoekstra, Dallinga-Thie, Romijn, Princen, Jukema, Havekes,

Rensen: "Fenofibrate increases HDL-cholesterol by reducing cholesteryl ester transfer protein expression." in: **Journal of lipid research**, Vol. 48, Issue 8, pp. 1763-71, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. Both the antiserum and IgG fractions of anti-Carboxypeptidase Y (Baker's Yeast) are shown to detect under reducing conditions of SDS-PAGE the 61,000 dalton enzyme in cellular extracts. Approximately 10 µg of total protein is loaded per lane. A 1:5,000 dilution of the primary antibody is used followed by detection using HRP Goat-a-Rabbit IgG [H&L] diluted 1:4,000 and color development using 4-CN substrate until sufficient color develops. Other detection systems will yield similar results.