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Datasheet for ABIN1607713 **anti-CPY antibody (Biotin)**

Overview

Quantity:	100 µg
Target:	CPY
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPY antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Carboxypeptidase Y [Baker's Yeast] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Carboxypeptidase Y from other sources may occur but has not been specifically determined.
Purity:	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].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	CPY
Alternative Name:	Carboxypeptidase Y (CPY Products)
Background:	<p>Anti-Carboxypeptidase Y antibody is a participant in degrading small peptides.</p> <p>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: Carboxypeptidase Y antibody, Carboxypeptidase YSCY antibody, CPY1 antibody, LBC1 antibody, PRC1 antibody, Vacuolar carboxypeptidase Y antibody, YMR297W antibody</p>
Gene ID:	855343
UniProt:	P00729

Application Details

Application Notes:	<p>Anti-Carboxypeptidase Y has been assayed against 1.0 µg of Carboxypeptidase Y in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and 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 1:4.000 to 1:20.000 of the reconstitution concentration is suggested for this product.</p> <p>ELISA Dilution: 1:5.000 - 1:25.000</p> <p>Western Blot Dilution: 1:500 - 1:3.000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	10 mg/mL
Buffer:	<p>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p>
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
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

Handling

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.

Expiry Date: Expiration date is one (1) year from date of opening.