

Datasheet for ABIN96034
anti-CPA1 antibody



[Go to Product page](#)

1 Publication

Overview

Quantity:	2 mL
Target:	CPA1
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Carboxypeptidase A Antibody
Immunogen:	Immunogen: Carboxypeptidase A [Bovine Pancreas] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Carboxypeptidase A [Bovine Pancreas].
Characteristics:	Synonyms: rabbit anti-Carboxypeptidase A Antibody, Carboxypeptidase A1 precursor antibody, CPA1 antibody, Pancreatic carboxypeptidase A1 antibody, Procarboxypeptidase A1 pancreatic antibody
Purification:	Carboxypeptidase A antibody was prepared from monospecific antiserum by a delipidation and defibrination.

Target Details

Target:	CPA1
Alternative Name:	CPA1 (CPA1 Products)
Background:	<p>Background: Anti-Carboxypeptidase A antibody is specific for Carboxypeptidase A enzyme. Carboxypeptidase A is a pancreatic exopeptidase which hydrolyzes peptide bonds of C-terminal residues with aromatic or aliphatic side chains. This enzyme is also commonly called CPA1, where a related pancreatic carboxypeptidase is CPA2 . There are several related enzymes referred to as CPA 3 through CPA6.</p>
Gene ID:	286762
NCBI Accession:	NP_777175
UniProt:	P00730

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: User Optimized</p> <p>Application Note: Carboxypeptidase A Antibody is suitable in ELISA and western blot. Optimization for specific immunoassays should be determined by the researcher.</p> <p>Western Blot Dilution: 1:500 - 1:3,000</p> <p>ELISA Dilution: 1:5,000 - 1:25,000</p> <p>Other: User Optimized</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 2.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	90 mg/mL
Buffer:	<p>Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>Preservative: None</p>
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C

Handling

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.

Expiry Date: 12 months

Publications

Product cited in: Jung, Jung, Park, Song, Park: "Aberrant Hedgehog ligands induce progressive pancreatic fibrosis by paracrine activation of myofibroblasts and ductular cells in transgenic zebrafish." in: **PLoS ONE**, Vol. 6, Issue 12, pp. e27941, (2011) ([PubMed](#)).