



Anti-CARBOXYPEPTIDASE A (RABBIT) Antibody - 100-4152

Code: 100-4152

Size: 2 mL

Product Description: Anti-CARBOXYPEPTIDASE A (RABBIT) Antibody - 100-4152

Concentration: 90 mg/mL by Refractometry

PhysicalState: Lyophilized

Label	Unconjugated
Host	Rabbit
Gene Name	CPA1
Species Reactivity	bovine
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	None
Storage Condition	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.
Synonyms	rabbit anti-Carboxypeptidase A Antibody, Carboxypeptidase A1 precursor antibody, CPA1 antibody, Pancreatic carboxypeptidase A1 antibody, Procarboxypeptidase A1 pancreatic antibody
Application Note	Carboxypeptidase A Antibody has been tested by ELISA and western blot. Optimization for specific immunoassays should be determined by the researcher.
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.
Purity And Specificity	Carboxypeptidase A antibody was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Carboxypeptidase A [Bovine Pancreas]. Cross reactivity against Carboxypeptidase A from other tissues and species may occur but have not been specifically determined.
Assay Dilutions	User Optimized
ELISA	1:5,000 - 1:25,000
Western Blot	1:500 - 1:3,000
Immunohistochemistry	User Optimized
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Carboxypeptidase A [Bovine Pancreas]
General Reference	Dua RD, Ralhan SM (1981) Purification of two forms of carboxypeptidase A from goat pancreas & their characterisation. Indian J Biochem Biophys. Feb;18(1):22-7.

Related Products

611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304

FEMTOMAX-110 Chemiluminescent FemtoMax™ Super Sensitive HRP Substrate for Microwell and/or Membrane (2 component system) - FEMTOMAX-110

MB-070 Blocking Buffer for Fluorescent Western Blotting - MB-070

Related Links

UniProtKB - P00730

<http://www.uniprot.org/uniprot/P00730>

NCBI - P00730.3 <http://www.ncbi.nlm.nih.gov/protein/P00730.3>

GeneID - 286762

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