

Anti-CARBOXYPEPTIDASE B (RABBIT) Antibody
Carboxypeptidase B Antibody
Catalog # ASR4348**Specification**

Anti-CARBOXYPEPTIDASE B (RABBIT) Antibody - Product Information

Host	Rabbit
Conjugate	Unconjugated
Target Species	Swine
Reactivity	Pig
Clonality	Polyclonal
Application	WB, IHC, E, I, LCI
Application Note	Anti-Carboxypeptidase B antibody has been tested by ELISA and western blot and is suitable for Immunohistochemistry applications. Specific conditions for reactivity should be optimized by the end user.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Carboxypeptidase B [Porcine Pancreas]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Preservative	0.01% (w/v) Sodium Azide

Anti-CARBOXYPEPTIDASE B (RABBIT) Antibody - Additional Information**Gene ID** 397341**Other Names**
397341**Purity**

Anti-CARBOXYPEPTIDASE B 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-Rabbit Serum as well as purified and partially purified Carboxypeptidase B [Porcine Pancreas]. Cross reactivity against Carboxypeptidase B from other tissues and species may occur but have not been specifically determined.

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.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-CARBOXYPEPTIDASE B (RABBIT) Antibody - Protein Information

Name CPB1

Synonyms CPB

Cellular Location

Secreted {ECO:0000250|UniProtKB:P00732}. Zymogen granule lumen {ECO:0000250|UniProtKB:P55261}

Anti-CARBOXYPEPTIDASE B (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CARBOXYPEPTIDASE B (RABBIT) Antibody - Images

Anti-CARBOXYPEPTIDASE B (RABBIT) Antibody - Background

Carboxypeptidase B is a carboxypeptidase that preferentially acts upon basic amino acids, such as arginine and lysine. This serum enzyme is also responsible for rapidly metabolizing the C5a protein into C5a des-Arg, with one less amino acid. Anti-CARBOXYPEPTIDASE B is ideal for investigators researching enzyme antibodies.