

Product datasheet for **R1071BS**

CPB1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western blot: 1/500-1/3,000 ELISA: 1/5,000-1/25,000 This product has been assayed against 1.0 µg of Carboxypeptidase B [porcine pancreas] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/1,000-1/3,000 of the reconstitution concentration is suggested.
Reactivity:	Porcine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Carboxypeptidase B from porcine pancreas
Specificity:	This product detects porcine Carboxypeptidase B. Cross reactivity against Carboxypeptidase B from other tissues and species is unknown. Immunoelectrophoresis give a single precipitin arc against anti-biotin, anti-rabbit Serum as well as purified and partially purified Carboxypeptidase B [porcine pancreas].
Formulation:	0.02M Potassium phosphate, 0.15M Sodium chloride, pH 7.2 Label: Biotin State: Purified State: Lyophilized purified IgG fraction Stabilizer: 10 mg/m BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azide
Reconstitution Method:	Restore with 0.1 ml deionized water (or equivalent).
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Biotin



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Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P09955
Background:	Carboxypeptidase catalyzes the hydrolysis of the basic amino acids lysine, arginine and ornithine from the C terminal position in polypeptides. It occurs as a zymogen in the pancreas in most vertebrates.
Synonyms:	CPB1, CPB, PCPB, Pancreas-specific protein, PASP