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Datasheet for 100-401-049

Carboxypeptidase B Antibody

Overview

Description:	Anti-Carboxypeptidase B (RABBIT) Antibody - 100-401-049
Item No.:	100-401-049
Size:	2 mL
Applications:	WB
Reactivity:	Pig
Host Species:	Rabbit

Product Details

Background:	Carboxypeptidase that catalyzes the preferential release of a C-terminal lysine or arginine amino acid.
Synonyms:	rabbit anti-Carboxypeptidase B Antibody, CarboxypeptidaseB1 antibody, CP B1 antibody, CPB 1 antibody, CPB antibody, CPB1 antibody, DKFZp779K1333 antibody, Pancreas specific protein antibody, Pancreatic carboxypeptidase B1 antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	CBP1
Reactivity:	Pig
Immunogen Type:	Native Protein
Immunogen:	Carboxypeptidase B [Porcine Pancreas]
Purity/Specificity:	This product 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 B [Porcine Pancreas]. Cross reactivity against Carboxypeptidase B from other tissues and species may occur but have not been specifically determined.

Relevant Links:	• UniProtKB - P09955 • NCBI - NP_999334.1 • GeneID - 397341

Application Details

Suggested Applications:	WB (Based on references)
Application Note:	Anti-Carboxypeptidase B is suitable for use in ELISA, western blot, and immunohistochemistry. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:2,000 - 1:10,000
IHC:	User Optimized
WB:	1:500 - 1:2,000

Formulation

Physical State:	Lyophilized
Concentration:	90 mg/mL by Refractometry
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	2.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
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.
Expiration:	Expiration date is one (1) year from date of receipt.

References

- Zhang P et al. The PERK eukaryotic initiation factor 2α kinase is required for the development of the skeletal system, postnatal growth, and the function and viability of the pancreas. *Mol Cell Biol.* (2002)

Disclaimer

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