

Datasheet: AHP2054

BATCH NUMBER 158178

Description:	RABBIT ANTI BOVINE CARBOXYPEPTIDASE A1
Specificity:	CARBOXYPEPTIDASE A1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			5ug/ml
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			
Immunofluorescence	▪			
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Bovine
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Species Cross Reactivity	<p>Reacts with: Human</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
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Product Form	Ig fraction - liquid
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Antiserum Preparation Antiserum to bovine carboxypeptidase A1 was raised by repeated immunisation of rabbits with highly purified antigen. IgG fraction was prepared from whole serum by ammonium

sulphate precipitation.

Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.01% Sodium Azide (NaN ₃)
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Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml.
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Immunogen	Carboxypeptidase A1 from bovine pancreas.
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External Database Links	UniProt: P00730 Related reagents Entrez Gene: 286762 CPA1 Related reagents
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Synonyms	CPA
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RRID	AB_10556638
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Specificity	Rabbit anti Bovine Carboxypeptidase A1 antibody recognizes bovine Carboxypeptidase A1, a 309 amino acid monomeric pancreatic extopeptidase derived by cleavage of the propeptide. Carboxypeptidase A1 belongs to the peptidase M14 family (UniP rel="noopener"rot: P00370).
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Immunohistology	This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
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Histology Positive Control Tissue	Bovine pancreas
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References	1. Fazio, E.N. <i>et al.</i> (2011) Stanniocalcin 2 alters PERK signalling and reduces cellular injury during cerulein induced pancreatitis in mice. BMC Cell Biol. 12: 17.
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Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP2054 10040
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Related Products

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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