

## Datasheet: AHP673

<b>Description:</b>	RABBIT ANTI HUMAN CARBOXYPEPTIDASE H (C-TERMINAL)
<b>Specificity:</b>	CARBOXYPEPTIDASE H (C-TERMINAL)
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/100 - 1/200
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation	▪			
Western Blotting	▪			1/500 - 1/1000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Rat, Mouse, Bovine, Monkey

**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.

### Product Form

Serum - liquid

### Antiserum Preparation

Antisera to carboxypeptidase H were raised by repeated immunisations of rabbits with highly purified antigen.

### Preservative Stabilisers

0.1% Sodium Azide

**Immunogen** Synthetic peptide derived from the C-terminus of carboxypeptidase H, conjugated to KLH.

---

**External Database**

**Links**

**UniProt:**

[P16870](#) [Related reagents](#)

**Entrez Gene:**

[1363](#) CPE [Related reagents](#)

---

**RRID**

AB\_2292142

---

**Specificity**

**Rabbit anti Human carboxypeptidase H antibody** recognises carboxypeptidase H also known as carboxypeptidase E, enkephalin convertase, CPH and CPE.

Carboxypeptidase H functions to remove residual C-terminal arginine or lysine residues remaining after initial endoprotease cleavage during prohormone processing.

Carboxypeptidase H may be found in secretory granules of the pancreatic islets, adrenal gland and pituitary gland.

---

**Histology Positive Control Tissue**

Adrenal gland

---

**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

---

**Guarantee**

12 months from date of despatch

---

**Health And Safety Information**

Material Safety Datasheet documentation #10342 available at:  
10342: <https://www.bio-rad-antibodies.com/uploads/MSDS/10342.pdf>

---

**Regulatory**

For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

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

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

Tel: +49 (0) 89 8090 95 21

To

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

find a

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M387949:210803'

**Printed on 21 Mar 2022**

---

© 2022 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)