

Datasheet: AHP672

Description:	RABBIT ANTI HUMAN CARBOXYPEPTIDASE H (MATURE N-TERMINAL)
Specificity:	CARBOXYPEPTIDASE H MATURE (N-TERMINAL)
Other names:	ENKEPHALIN CONVERTASE
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen (1)	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation (2)	▪			
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.

(1) **Fixation with methanol is recommended.**

(2) **Sample pre-treatment with 0.1% w/v SDS and 1% v/v TritonX 100 is required.**

Target Species

Human

Species Cross Reactivity

Reacts with: Rat, Bovine, Monkey, Mouse

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	0.02% Sodium Azide
Immunogen	Synthetic peptide derived from N-terminus of carboxypeptidase H.
External Database Links	<p>UniProt: P16870 Related reagents</p> <p>Entrez Gene: 1363 CPE Related reagents</p>
RRID	AB_2083925
Specificity	<p>Rabbit anti Human carboxypeptidase H antibody recognizes carboxypeptidase H, also known as carboxypeptidase E, entephalin convertase, CPH and CPE.</p> <p>This enzyme 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.</p>
Immunohistology	*Bio-Rad recommend methanol fixation for this purpose.
Histology Positive Control Tissue	Adrenal gland
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

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

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