

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.
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	UniProt: P16870 Related reagents

Entrez Gene:[1363](#) CPE [Related reagents](#)

Specificity	Rabbit anti Human carboxypeptidase H antibody recognizes carboxypeptidase H, also known as carboxypeptidase E, entephalin convertase, CPH and CPE. 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.
Immunohistology	*Bio-Rad recommend methanol fixation for this purpose.
Histology Positive Control Tissue	Adrenal gland
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. 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.
Shelf Life	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
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800

Recommended Useful Reagents

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

North & South America

Tel: +1 800 265 7376

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

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