

Datasheet: AHP2708

BATCH NUMBER 147943

Description:	RABBIT ANTI CATHEPSIN H
Specificity:	CATHEPSIN H
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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
Western Blotting	▪			1/500 - 1/2000

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	Human
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Product Form	Purified IgG - liquid
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Antiserum Preparation	Antiserum to cathepsin H was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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Buffer Solution	Phosphate buffered saline
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Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin 50% Glycerol

Immunogen	Synthesized peptide derived from the internal region of human cathepsin H (amino acids 70-150)
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External Database Links

UniProt:
[P09668](#) [Related reagents](#)

Entrez Gene:[1512](#) CTSH [Related reagents](#)

Synonyms	CPSB
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Specificity	Rabbit anti Cathepsin H antibody recognizes pro-cathepsin H, also known as CTSH and CPSB. Cathepsin H is a lysosomal cysteine protease that is synthesized as an inactive proenzyme composed of prodomain and catalytic domains. It is currently unclear if the processing/cleavage of the proenzyme is performed by an autocatalytic method (Rojnik et al. 2012) or requires other enzymes for its activation (Hao et al. 2018). Cathepsin H has been reported to be overexpressed in human prostate tumor cells (Waghray et al. 2002).
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Western Blotting	Rabbit anti cathepsin H antibody detects a band of approximately 40 kDa in HEK 293 cell lysate
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Storage	Store at -20°C 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 #10048 available at: https://www.bio-rad-antibodies.com/SDS/AHP2708 10048
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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Printed on 25 Mar 2023