

Product datasheet

Anti-Cystatin C antibody ab231599

3 Images

Overview

Product name	Anti-Cystatin C antibody
Description	Rabbit polyclonal to Cystatin C
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Cow
Immunogen	Recombinant fragment (His-tag) corresponding to Cow Cystatin C aa 32-148. Expressed in E.coli. N-terminal tag. Sequence: GPRKGRLGGLMEADVNEEGVQEALSFVSEFNKRSND AYQSRVVRVVRA RKQVVS GMNYFLDVELGRTTCTKSQANLDSCPFHNQPHL KREKLC SFQVY VVPWMNTINLVKFSCQD

Database link: [P01035](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control WB: Recombinant cow Cystatin C protein; cow brain and cerebrum lysate.

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team

ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231599** in the following tested applications.

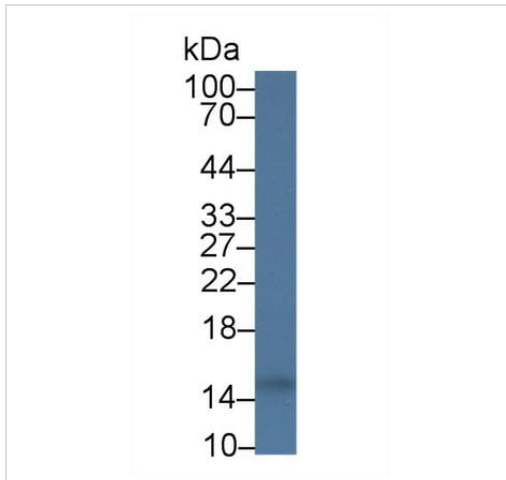
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 16 kDa.

Target

Function	As an inhibitor of cysteine proteinases, this protein is thought to serve an important physiological role as a local regulator of this enzyme activity.
Tissue specificity	Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level). Expressed in various body fluids, such as the cerebrospinal fluid and plasma. Expressed in highest levels in the epididymis, vas deferens, brain, thymus, and ovary and the lowest in the submandibular gland.
Involvement in disease	Amyloidosis 6 Macular degeneration, age-related, 11
Sequence similarities	Belongs to the cystatin family.
Post-translational modifications	The Thr-25 variant is O-glycosylated with a core 1 or possibly core 8 glycan. The signal peptide of the O-glycosylated Thr-25 variant is cleaved between Ala-20 and Val-21.
Cellular localization	Secreted.

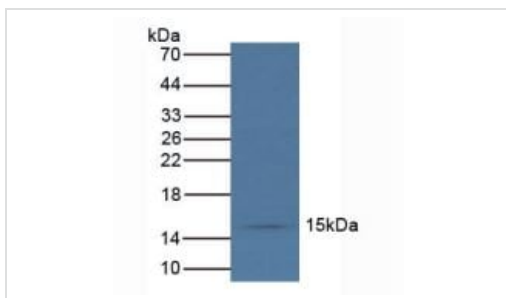
Images



Western blot - Anti-Cystatin C antibody (ab231599)

Anti-Cystatin C antibody (ab231599) at 2 µg/ml + Cow cerebrum lysate

Predicted band size: 16 kDa



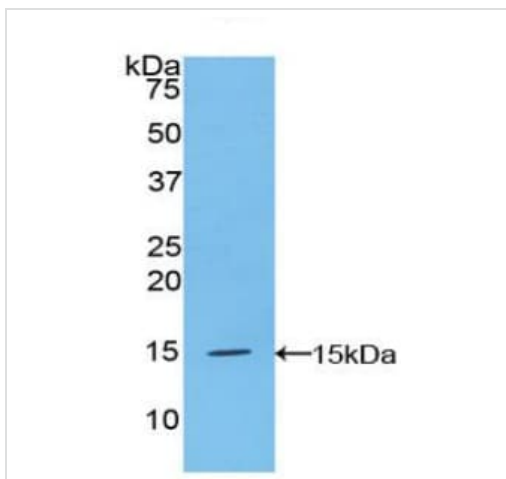
Western blot - Anti-Cystatin C antibody (ab231599)

Anti-Cystatin C antibody (ab231599) at 2 µg/ml + Cow brain lysate

Secondary

HRP-Linked Guinea pig anti-Rabbit at 1/1000 dilution

Predicted band size: 16 kDa



Western blot - Anti-Cystatin C antibody (ab231599)

Anti-Cystatin C antibody (ab231599) at 2 µg/ml + Recombinant cow Cystatin 3 protein

Predicted band size: 16 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

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