




Product datasheet

Anti-Ferritin Heavy Chain antibody ab81444

[4 References](#) [4 Images](#)

Overview

Product name	Anti-Ferritin Heavy Chain antibody
Description	Rabbit polyclonal to Ferritin Heavy Chain
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	<p>Reacts with: Human</p> <p>Predicted to work with: Mouse, Rat, Sheep, Rabbit, Goat, Horse, Guinea pig, Cow, Dog </p>
Immunogen	<p>Synthetic peptide within Human Ferritin Heavy Chain aa 110-159 (internal sequence). The exact sequence is proprietary.</p> <p>Sequence:</p> <p>NVNQSLLELHKLATDKNDPHLCDFIETHYLNEQVKAIKELG DHVTNLRKM</p> <p>Database link: P02794</p> <p style="text-align: right;"> Run BLAST with  Run BLAST with</p>
Positive control	Jurket Cell lysate
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>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.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>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.</p> <p>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.</p> <p>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</p>

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: 7.2 Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

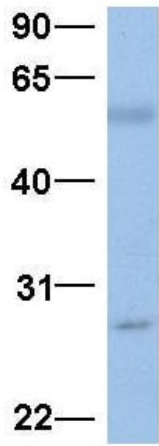
Our [Abpromise guarantee](#) covers the use of **ab81444** in the following tested applications.

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 1 µg/ml. Predicted molecular weight: 21 kDa.
IHC-P		Use a concentration of 5 µg/ml.

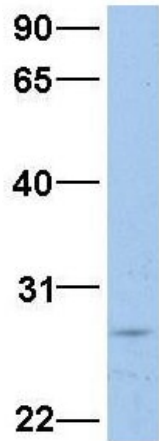
Target

Images



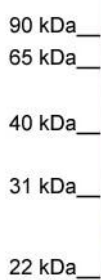
Western blot analysis of Human fetal lung tissue lysate labeling Ferritin Heavy Chain with ab81444 at 1.0µg/ml

Western blot - Anti-Ferritin Heavy Chain antibody (ab81444)



Western blot analysis of HeLa cell lysate labeling Ferritin Heavy Chain with ab81444 at 1.0µg/ml

Western blot - Anti-Ferritin Heavy Chain antibody (ab81444)



Anti-Ferritin Heavy Chain antibody (ab81444) at 1 µg/ml (in 5% skim milk / PBS buffer) + Jurkat Cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

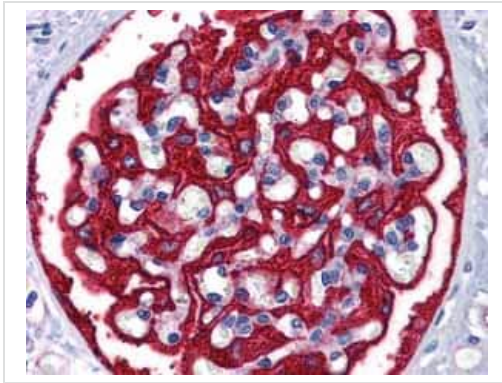
Predicted band size: 21 kDa

Observed band size: 27 kDa

[why is the actual band size different from the predicted?](#)

Western blot - Anti-Ferritin Heavy Chain antibody (ab81444)

Gel concentration: 12%



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labelling Ferritin Heavy Chain with ab81444 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ferritin Heavy Chain antibody (ab81444)

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

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