

Product datasheet

Anti-CBF antibody ab89034

4 Images

Overview

Product name	Anti-CBF antibody
Description	Mouse polyclonal to CBF
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Full length human CBF protein (NP_005751.2).
Positive control	WB: NIH/3T3 cell lysate; K-562 cell lysate; CBF transfected 293T cell lysate ICC/IF: HeLa cell
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 customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage buffer	pH: 7.4 Constituent: 2.68% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab89034** in the following tested applications.

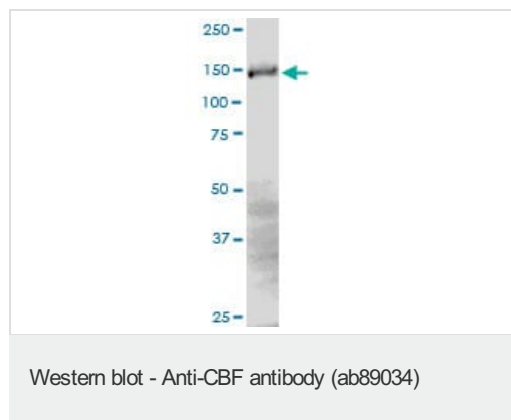
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 121 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function	Stimulates transcription from the HSP70 promoter.
Sequence similarities	Belongs to the CBF/MAK21 family.
Cellular localization	Nucleus.

Images

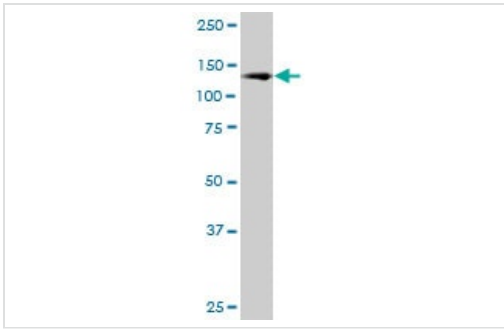


Anti-CBF antibody (ab89034) at 1 µg/ml + NIH/3T3 cell lysate at 50 µg

Predicted band size: 121 kDa

Observed band size: 150 kDa

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

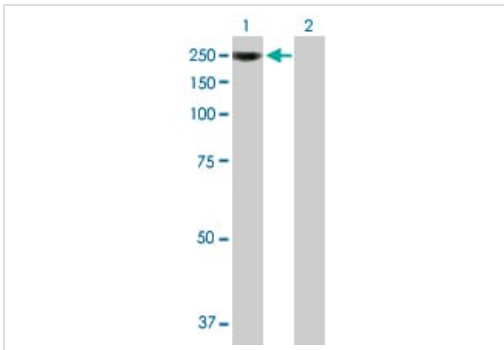


Western blot - Anti-CBF antibody (ab89034)

Anti-CBF antibody (ab89034) at 1 µg/ml + K-562 cell lysate at 50 µg

Predicted band size: 121 kDa

Observed band size: 131 kDa [why is the actual band size different from the predicted?](#)



Western blot - Anti-CBF antibody (ab89034)

All lanes : Anti-CBF antibody (ab89034) at 1 µg/ml

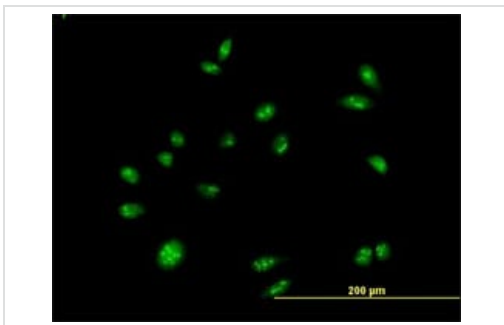
Lane 1 : CEBPZ transfected 293T cell lysate

Lane 2 : non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 121 kDa

Observed band size: 250 kDa [why is the actual band size different from the predicted?](#)



Immunocytochemistry/ Immunofluorescence - Anti-CBF antibody (ab89034)

ab89034, at 10 µg/ml, staining CBF in HeLa cell by Immunofluorescence.

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

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