

Product datasheet

Anti-USF1 antibody ab12128

1 Image

Overview

Product name	Anti-USF1 antibody
Description	Rabbit polyclonal to USF1
Host species	Rabbit
Specificity	ab12128 recognises human USF1.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide, corresponding to amino acids 1-14 of Human USF1.
Positive control	Jurkat nuclear extract.
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
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Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservatives: 0.01% Thimerosal (merthiolate), 0.1% Sodium azide Constituents: PBS, 0.2% Gelatin
Purity	Protein A purified
Purification notes	Affinity purified.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab12128** 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
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WB

Application notes WB: 1/250 - 1/500. Detects a band of approximately 43 kDa (predicted molecular weight: 37.2 kDa). For optimal results, primary antibody incubations should be performed at 4°C.

Not tested in other applications.

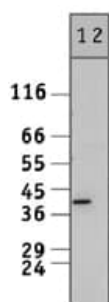
Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance USF1 is a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E box motifs. USF1 has been linked to familial combined hyperlipidemia (FCHL). Two transcript variants encoding distinct isoforms have been identified for this.

Cellular localization Nuclear

Images



Western blot - Anti-USF1 antibody (ab12128)

Detection of USF1 by Western blot analysis. The presence of USF1 in nuclear extracts derived from the Jurkat cell line is confirmed using ab12128 at a 1:250 dilution (lane 1). As demonstrated in lane 2, the signal corresponding to USF1 is eliminated by incubating the reaction mixture together with the immunizing peptide.

Detection of USF1 by Western blot analysis. The presence of USF1 in nuclear extracts derived from the Jurkat cell line is confirmed using ab12128 at a 1:250 dilution (lane 1). As demonstrated in lane

2, the signal corresponding to USF1 is eliminated by incubating the reaction mixture together with the immunizing peptide.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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