

Product datasheet

Anti-S100A11 antibody ab231091

[5 Images](#)

Overview

Product name	Anti-S100A11 antibody
Description	Rabbit polyclonal to S100A11
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Chicken
Immunogen	Recombinant full length protein corresponding to Chicken S100A11 aa 1-101. (N-terminal His-tag and GST-tag. Expressed in E.coli). Sequence: MSKVSPTETERCIESLLAVFQRYAGREGDNLKLSKKEFRT FMNTELASFT KNQKDPVVDRMMKRLDINSDGQLDFQEFLNLIGGIAC HDALLVQPPH P

Database link: [P24479](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control WB: Recombinant chicken S100A11 protein; Chicken liver, spleen, heart and lung tissue lysates.

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	ab231091 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231091** in the following tested applications.

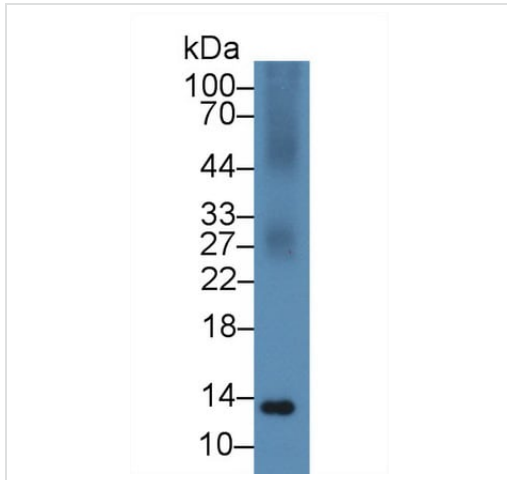
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 11 kDa.

Target

Function	Facilitates the differentiation and the cornification of keratinocytes.
Sequence similarities	Belongs to the S-100 family. Contains 2 EF-hand domains.
Post-translational modifications	Phosphorylation at Thr-10 by PRKCA significantly suppresses homodimerization and promotes association with NCL/nucleolin which induces nuclear translocation.
Cellular localization	Cytoplasm. Nucleus.

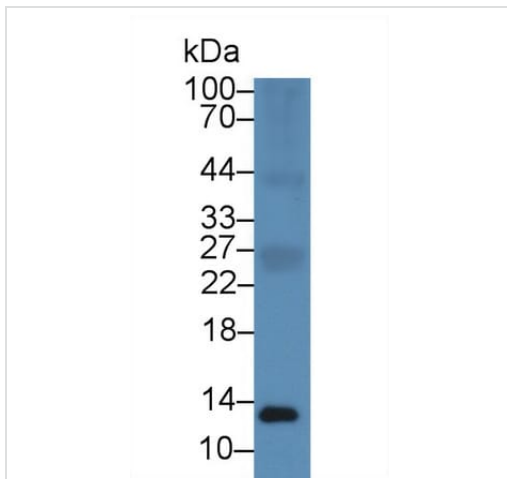
Images



Western blot - Anti-S100A11 antibody (ab231091)

Anti-S100A11 antibody (ab231091) at 2 μ g/ml + Chicken spleen lysate

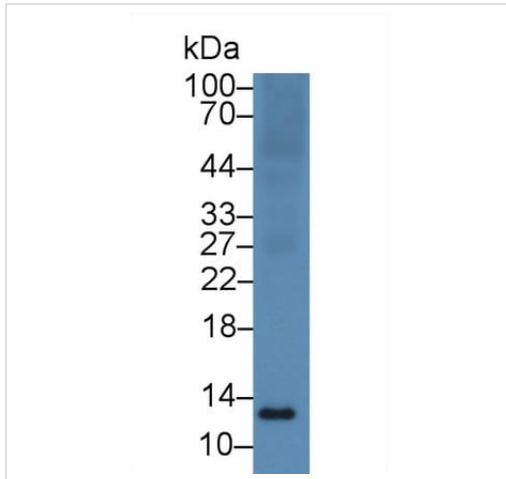
Predicted band size: 11 kDa



Western blot - Anti-S100A11 antibody (ab231091)

Anti-S100A11 antibody (ab231091) at 2 μ g + Chicken lung lysate

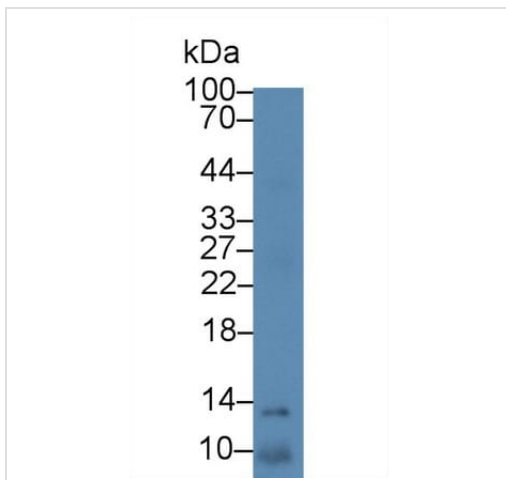
Predicted band size: 11 kDa



Western blot - Anti-S100A11 antibody (ab231091)

Anti-S100A11 antibody (ab231091) at 2 µg/ml + Chicken heart lysate

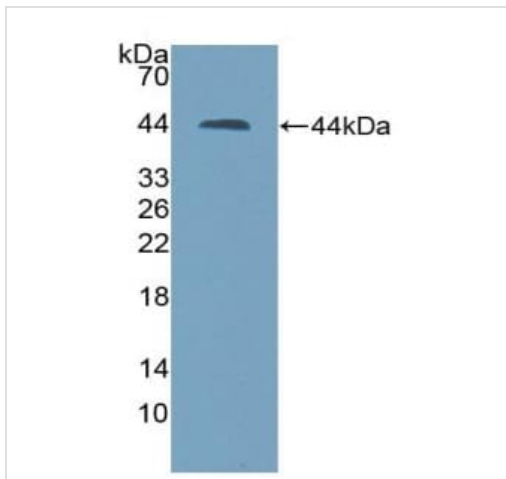
Predicted band size: 11 kDa



Western blot - Anti-S100A11 antibody (ab231091)

Anti-S100A11 antibody (ab231091) at 2 µg + Chicken liver lysate

Predicted band size: 11 kDa



Western blot - Anti-S100A11 antibody (ab231091)

Anti-S100A11 antibody (ab231091) at 2 µg + Recombinant chicken S100A11 protein

Predicted band size: 11 kDa

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

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