

Product datasheet

Anti-S100A12/CGRP antibody ab231722

4 Images

Overview

Product name	Anti-S100A12/CGRP antibody
Description	Rabbit polyclonal to S100A12/CGRP
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Pig Predicted to work with: Mouse, Rat
Immunogen	Recombinant full length protein (His-T7-tag) corresponding to Pig S100A12/CGRP aa 2-92. (expressed in E.coli) Sequence: TKLEDHLEGIINIFHQYSVRLGHYDTLIKRELKQLITKELPNTL KNTKDQ GTIDKIFQNLNLDANQDEQVSFKEFVVLVTDVLITAHDNHKE Database link: P80310 Run BLAST with Run BLAST with
Positive control	WB: Recombinant pig S100A12/CGRP protein; Pig lung and spleen lysates.
General notes	This product was previously labelled as S100A12

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	ab231722 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 **ab231722** in the following tested applications.

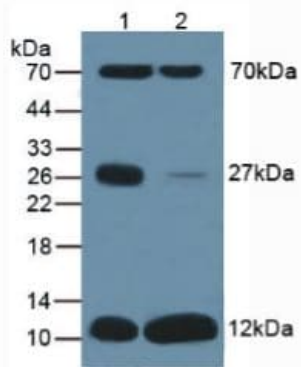
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 11 kDa.

Target

Function	Calcitermin possesses antifungal activity against <i>C.albicans</i> and is also active against <i>E.coli</i> and <i>P.aeruginosa</i> but not <i>L.monocytogenes</i> and <i>S.aureus</i> . Binds calcium, zinc and copper. Presence of zinc increases the affinity for calcium. Plays an important role in the inflammatory response. Interaction with AGER on endothelium, mononuclear phagocytes, and lymphocytes triggers cellular activation, with generation of key proinflammatory mediators.
Tissue specificity	Monocytes and lymphocytes.
Sequence similarities	Belongs to the S-101 family. Contains 2 EF-hand domains.

Images



Western blot - Anti-S100A12/CGRP antibody
(ab231722)

All lanes : Anti-S100A12/CGRP antibody (ab231722) at 2 µg/ml

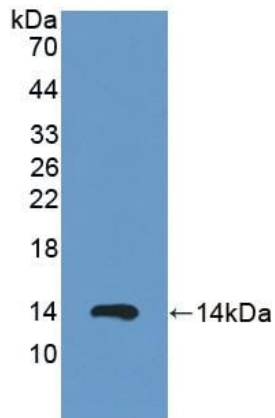
Lane 1 : Pig spleen lysate

Lane 2 : Pig lung lysate

Secondary

All lanes : HRP-Linked Guinea pig Anti-Rabbit at 1/1000 dilution

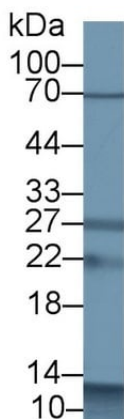
Predicted band size: 11 kDa



Western blot - Anti-S100A12/CGRP antibody
(ab231722)

Anti-S100A12/CGRP antibody (ab231722) at 2 µg/ml +
Recombinant pig S100A12/CGRP protein.

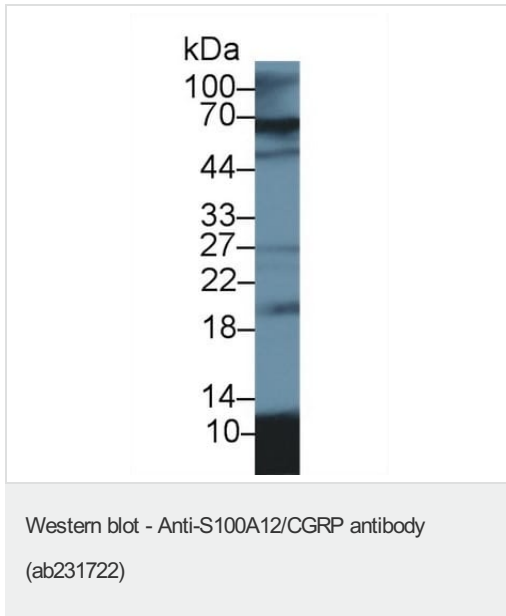
Predicted band size: 11 kDa



Western blot - Anti-S100A12/CGRP antibody
(ab231722)

Anti-S100A12/CGRP antibody (ab231722) at 2 µg/ml + Pig spleen
lysate.

Predicted band size: 11 kDa



Anti-S100A12/CGRP antibody (ab231722) at 2 µg/ml + Pig lung lysate.

Predicted band size: 11 kDa

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

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