


Product datasheet

Anti-CARD9 antibody ab115578

1 References 1 Image

Overview

Product name	Anti-CARD9 antibody
Description	Rabbit polyclonal to CARD9
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Horse, Dog 
Immunogen	Synthetic peptide: DRENTGSDNTDTEGS conjugated to KLH, corresponding to amino acids 521-536 of Human CARD9 (NP_434700.2). Run BLAST with Run BLAST with
Positive control	Human adrenal tissue.
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. Store at -80°C.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab115578** in the following tested applications.

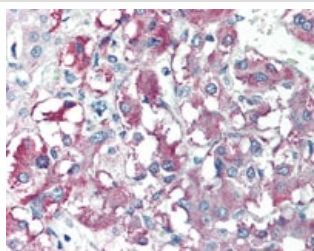
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Activates NF-kappa-B via BCL10.
Tissue specificity	Highly expressed in spleen. Also detected in liver, placenta, lung, peripheral blood leukocytes and in brain.
Involvement in disease	Defects in CARD9 are the cause of familial candidiasis type 2 (CANDF2) [MIM:212050]. Chronic mucocutaneous candidiasis is characterized by impaired clearance of fungal infections and results in colonization and infections of the mucosa or skin, predominantly with <i>Candida albicans</i> . CANDF2 is an autosomal recessive chronic mucocutaneous candidiasis.
Sequence similarities	Contains 1 CARD domain.
Cellular localization	Cytoplasm.

Images



ab115578, at 10µg/ml, staining CARD9 in Formalin-fixed, Paraffin-embedded Human Adrenal tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CARD9 antibody (ab115578)

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

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