



Product datasheet

Anti-Corneodesmosin/S protein antibody ab204235

4 Images

Overview

Product name	Anti-Corneodesmosin/S protein antibody
Description	Rabbit polyclonal to Corneodesmosin/S protein
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human Corneodesmosin/S protein aa 433-505. Sequence:</p> <p>SSSSSQSSGKIIQPCGSKSSSSGHPCMSVSSLTLTGPP DGSPHPDPSAG AKPCGSSSAGKIPCRSIRDILAQ</p> <p>Database link: Q15517</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	IHC-P: Human skin tissue.
General notes	<p>Protein previously labeled as Corneodesmosin.</p> <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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab204235** in the following tested applications.

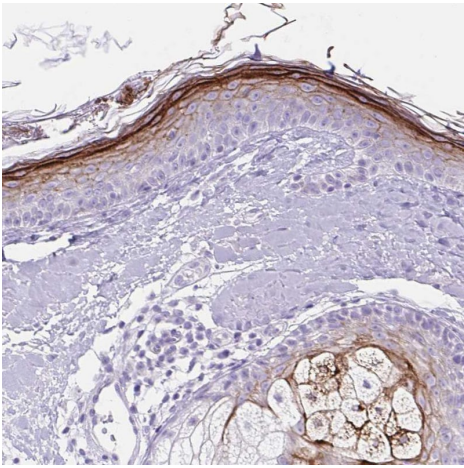
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

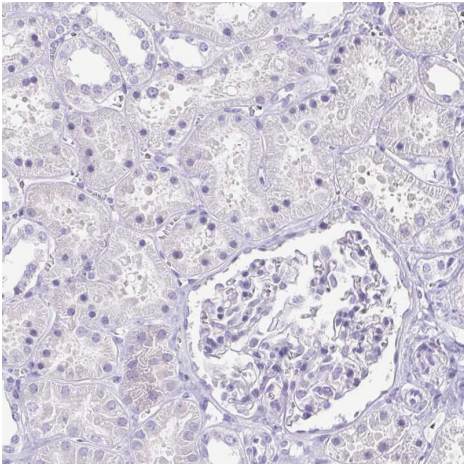
Function	Important for the epidermal barrier integrity.
Tissue specificity	Exclusively expressed in skin.
Involvement in disease	Defects in CDSN are a cause of hypotrichosis simplex of the scalp (HTSS) [MIM:146520]; also known as hypotrichosis Spanish type. HTSS is an autosomal dominant form of isolated alopecia. Affected individuals have normal hair in early childhood but experience progressive loss of scalp hair beginning in the middle of the first decade and almost complete baldness by the third decade. Defects in CDSN are the cause of peeling skin syndrome type B (BPSS) [MIM:270300]; also known as peeling skin syndrome or deciduous skin or keratolysis exfoliativa congenita. BPSS is a genodermatosis characterized by the continuous shedding of the outer layers of the epidermis, associated with pruritus and atopy. It is an ichthyosiform erythroderma characterized by lifelong patchy peeling of the entire skin with onset at birth or shortly thereafter. Several patients have been reported with high IgE levels.
Cellular localization	Secreted. Found in corneodesmosomes, the intercellular structures that are involved in desquamation.

Images



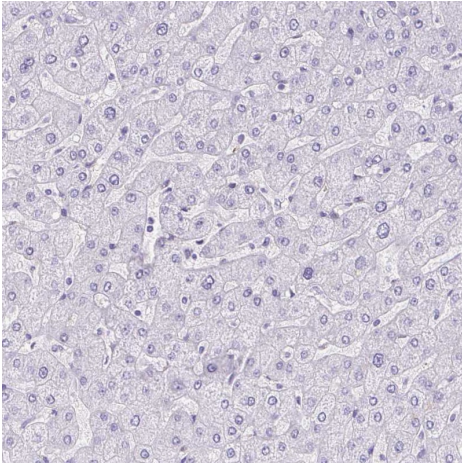
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Corneodesmosin/S protein antibody (ab204235)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of skin tissue labelling Corneodesmosin/S protein with ab204235 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



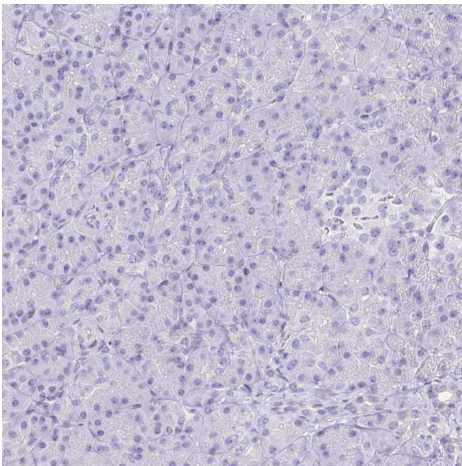
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Corneodesmosin/S protein antibody (ab204235)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of kidney tissue labelling Corneodesmosin/S protein with ab204235 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Corneodesmosin/S protein antibody (ab204235)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of liver tissue labelling Corneodesmosin/S protein with ab204235 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Corneodesmosin/S protein antibody (ab204235)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of pancreas tissue labelling Corneodesmosin/S protein with ab204235 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.

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

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