abcam

Product datasheet

Anti-Corneodesmosin/S protein antibody ab90517

Overview

Product name	Anti-Corneodesmosin/S protein antibody
Description	Rabbit polyclonal to Corneodesmosin/S protein
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P, IHC-Fr
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Human Corneodesmosin/S protein (N terminal).
General notes	Protein previously labeled as Corneodesmosin.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab90517** 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		1/500 - 1/2000. Predicted molecular weight: 51 kDa.
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

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.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors