

Product datasheet

Anti-Desmoglein 1 antibody ab103473

2 Images

Overview

<b>Product name</b>	Anti-Desmoglein 1 antibody
<b>Description</b>	Rabbit polyclonal to Desmoglein 1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length Human protein (AA153002.1)
<b>Positive control</b>	Jurkat cell and Desmoglein 1 transfected 293T cell lysates

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab103473** 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 - 1/1000. Predicted molecular weight: 114 kDa.

Target

<b>Function</b>	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins
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and intermediate filaments mediating cell-cell adhesion.

**Tissue specificity**

Epidermis, tongue, tonsil and esophagus.

**Involvement in disease**

Defects in DSG1 are the cause of palmoplantar keratoderma striate type 1 (SPPK1) [MIM:148700]; also known as keratosis palmoplantaris striata I. SPPK1 is a dermatological disorder characterized by thickening of the skin on the palms and soles, and longitudinal hyperkeratotic lesions on the palms, running the length of each finger.

**Sequence similarities**

Contains 4 cadherin domains.

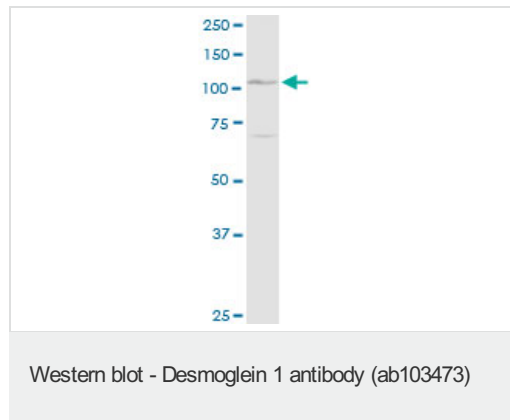
**Domain**

Calcium may be bound by the cadherin-like repeats.

**Cellular localization**

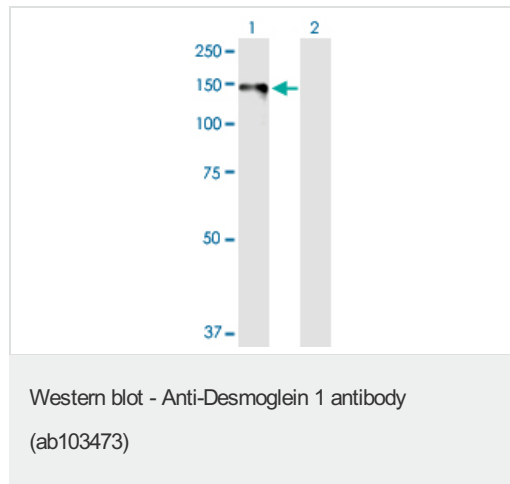
Cell membrane. Cell junction > desmosome.

**Images**



Anti-Desmoglein 1 antibody (ab103473) at 1/500 dilution + Jurkat cell lysate at 50 µg

**Predicted band size:** 114 kDa



**All lanes :** Anti-Desmoglein 1 antibody (ab103473) at 1/500 dilution

**Lane 1 :** Desmoglein 1 transfected 293T cell line lysate

**Lane 2 :** Non-transfected lysate

Lysates/proteins at 25 µg per lane.

**Predicted band size:** 114 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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