

[Go to Product page](#)

Datasheet for ABIN5596788

anti-Desmoplakin antibody (C-Term, pSer2849)

Overview

Quantity:	50 µg
Target:	Desmoplakin (DSP)
Binding Specificity:	C-Term, pSer2849
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmoplakin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Anti-Desmoplakin pS2849 affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide near the C-terminus of human Desmoplakin protein. Immunogen Type: Peptide
Isotype:	IgG
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with mouse and human based on 100% sequence homology. Cross-reactivity with Desmoplakin pS2849 from other sources has not been determined.
Purification:	Anti-Desmoplakin pS2849 was affinity purified from monospecific antiserum by immunoaffinity chromatography and is directed against the phosphorylated form of the S2849 human residue.

Target Details

Target:	Desmoplakin (DSP)
Alternative Name:	Desmoplakin (DSP Products)
Background:	<p>Synonyms: 250/210 kDa paraneoplastic pemphigus antigen, DSP, DPI, DPII</p> <p>Background: Desmoplakin pS2849 is high molecular weight protein of desmosomes. It is a member of the plakin or cytolinker family and is involved in the organization of the desmosomal cadherin-plakoglobin complexes into plasma membrane domains in the anchoring of intermediate filaments to the desmosomes. The phosphorylation theoretically affects its association with epidermal, simple cytokeratins and VIM intermediate filaments. Defects in DSP are the cause of keratosis palmoplantaris striata II, Carvajal syndrome, and arrhythmogenic right ventricular cardiomyopathy 8. Anti-Desmoplakin pS2849 Antibody is ideal for researchers interested in Cell Structure research.</p> <p>Gene Name: DSP</p>
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	<p>Application Note: Anti-Desmoplakin pS2849 antibody is useful for ELISA, Immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~331 kDa corresponding to the appropriate cell lysate or extract.</p> <p>Western Blot Dilution: 1 µg/mL</p> <p>ELISA Dilution: 1: 10,000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.67 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 30 % Glycerol</p>
Storage:	4 °C, -20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted

Handling

liquid. Dilute only prior to immediate use.

Expiry Date: 12 months