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## Datasheet for ABIN570872 anti-Desmoplakin antibody (AA 1546-1558)

### Overview

Quantity:	100 µg
Target:	Desmoplakin (DSP)
Binding Specificity:	AA 1546-1558
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Desmoplakin antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	Desmoplakin (aa 1546-1558)
Immunogen:	C-SQERTVKDQDITR
Sequence:	SQERTVKDQD ITR
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform I (NP_004406.2) only.
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

Target:	Desmoplakin (DSP)
Alternative Name:	DSP ( <a href="#">DSP Products</a> )
Background:	DSP, desmoplakin, DPI, 250 kDa paraneoplastic pemphigus antigen, desmoplakin I,
Gene ID:	1832, 109620, 306871
NCBI Accession:	<a href="#">NP_004406</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Application Notes:	Western Blot: Preliminary experiments in lysates of cell lines HEK293, HeLa and NIH3T3 gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - have any results been  Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.