



Datasheet for ABIN570871

anti-Desmoplakin antibody (Internal Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Desmoplakin (DSP)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Desmoplakin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Desmoplakin (aa 1672 -1684)
Immunogen:	C-QESVKQAHLRNEH
Sequence:	QESVKQAHLR NEH
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform I (NP_004406.2) only.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

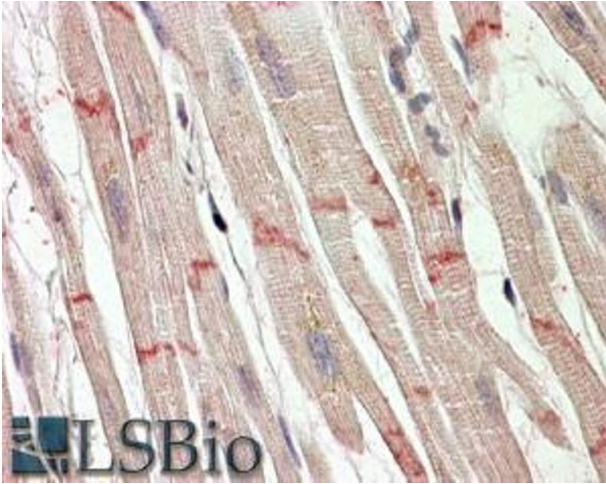
Target:	Desmoplakin (DSP)
Alternative Name:	DSP (DSP Products)
Background:	DSP, desmoplakin, DPI, 250 kDa paraneoplastic pemphigus antigen, desmoplakin I
Gene ID:	1832, 109620, 306871
NCBI Accession:	NP_004406
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Heart shows staining of the junctions between cardiomyocardial fibres. Recommended concentration, 3-6 µg/mL.</p> <p>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</p> <p>Peptide ELISA: antibody detection limit dilution 1:4000.</p>
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.



Immunohistochemistry

Image 1. ABIN570871 (3.8µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.