

# Desmoplakin Rabbit pAb

Catalog No.: A13299 **1 Publications**

## Basic Information

### Observed MW

260-332kDa

### Calculated MW

332kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a protein that anchors intermediate filaments to desmosomal plaques and forms an obligate component of functional desmosomes. Mutations in this gene are the cause of several cardiomyopathies and keratodermas, including skin fragility-woolly hair syndrome. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

## Immunogen Information

### Gene ID

1832

### Swiss Prot

P15924

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 2609-2830 of human Desmoplakin (NP\_004406.2).

### Synonyms

DP; DCWHKTA; Desmoplakin

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

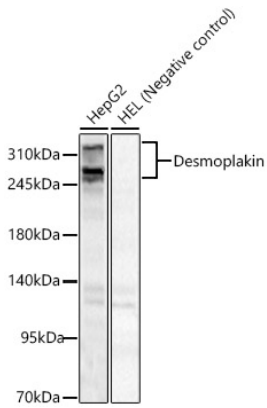
Affinity purification

### Storage

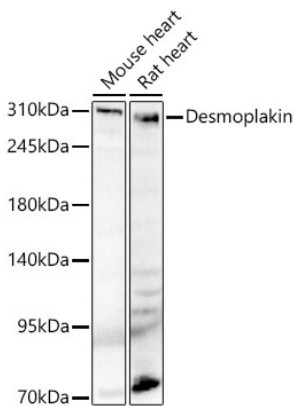
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

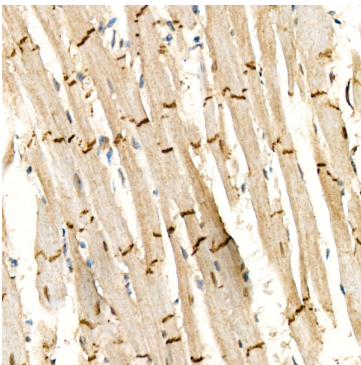
## Validation Data



Western blot analysis of various lysates, using Desmoplakin Rabbit pAb (A13299) at 1:800 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



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Immunohistochemistry analysis of paraffin-embedded mouse heart using Desmoplakin Rabbit pAb (A13299) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.