

Nur für Forschungszwecke

Desmoplakin Polyklonaler Antikörper



Katalog-Nr.: 25318-1-AP

Vorgestelltes Produkt

10 Publikationen

Allgemeine Informationen

Katalog-Nr.: 25318-1-AP	GenBank-Zugangsnummer: BC140802	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 1832	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:2500-1:10000 IF 1:750-1:3000
Wirt: Kaninchen	Vollständiger Name: desmoplakin	
Isotyp: IgG	Berechnete Masse: 2871 aa, 332 kDa	
Immunogen Katalognummer: AG18065	Beobachtete Masse: 240-330 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HepG2-Zellen, A431-Zellen, BxPC-3-Zellen, HEK-293-Zellen, HeLa-Zellen, Mausherzgewebe

IHC: Rattenherzgewebe, Mausherzgewebe

IF: A431-Zellen, Rattenherzgewebe

Hintergrundinformationen

The desmoplakin (DP) is the most abundant desmosomal proteins and is located at the cytoplasmic portion of the desmosomes which are specialized cell-cell adhesion structures abundant in tissues such as muscle and epidermis that are subjected to mechanical stress. Desmoplakin 1 and 2 (DP 1 and 2) are two splice variants sharing common C-terminal and N-terminal globular head and tail domains, but differ in the length of the rod domain that links them. This antibody detects both DP1 (280-330 kDa) and DP2 (240-260 kDa). (PMID: 16467215, 11781569)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jing Wang	36357564	Cancer Gene Ther	WB
Yanlei Yang	33993187	Cell Death Discov	WB
Tomohiko Sano	33802279	Cancers (Basel)	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

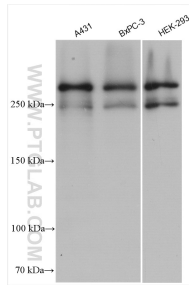
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

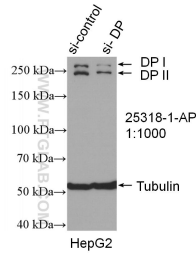
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

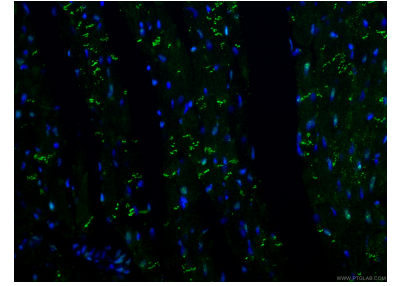
Ausgewählte Validierungsdaten



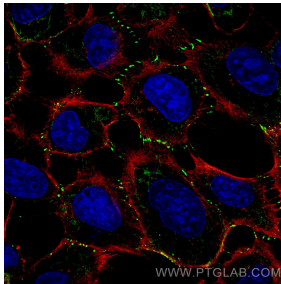
Various lysates were subjected to SDS PAGE followed by western blot with 25318-1-AP (Desmoplakin antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



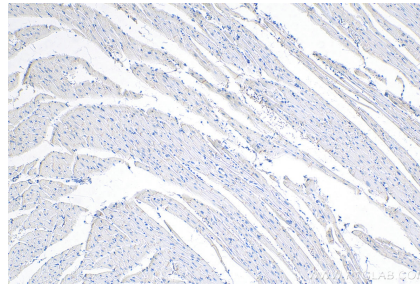
WB result of Desmoplakin antibody (25318-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Desmoplakin transfected HepG2 cells.



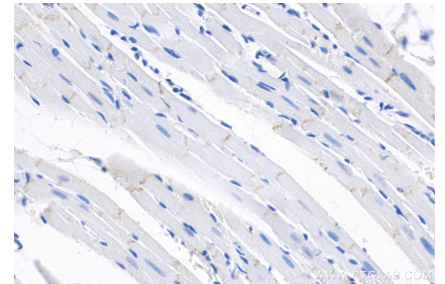
Immunofluorescent analysis of (4% PFA) fixed rat heart tissue using 25318-1-AP (Desmoplakin antibody), at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



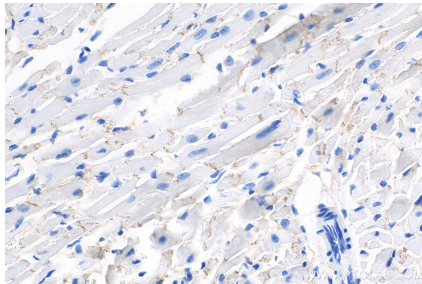
Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Desmoplakin antibody (25318-1-AP) at dilution of 1:1500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Beta Actin antibody (66009-1-Ig, Clone: 2D4H5, red).



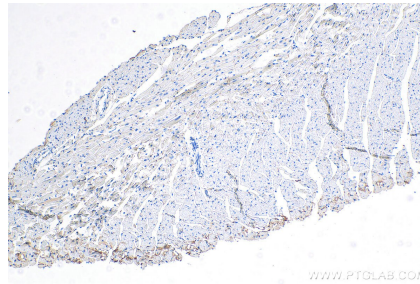
Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 25318-1-AP (Desmoplakin antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



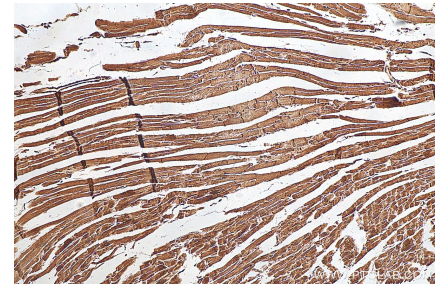
Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 25318-1-AP (Desmoplakin antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



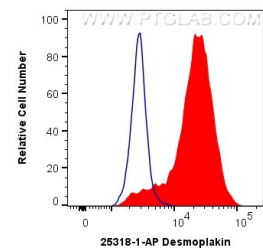
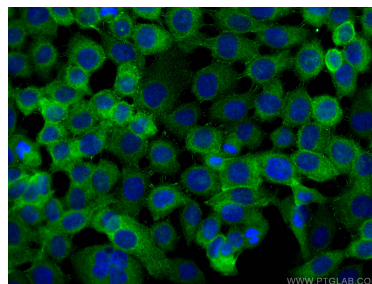
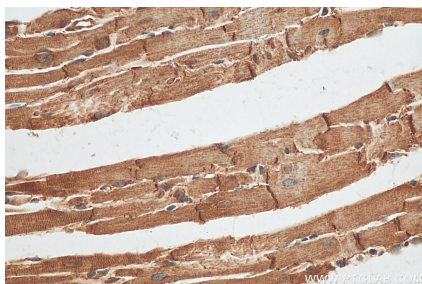
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 25318-1-AP (Desmoplakin antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 25318-1-AP (Desmoplakin antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 25318-1-AP (Desmoplakin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 25318-1-AP (Desmoplakin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Desmoplakin antibody (25318-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

1X10⁶ A431 cells were intracellularly stained with 0.4 ug Anti-Human Desmoplakin (25318-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).