

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DSG2



Numéro de catalogue: 21880-1-AP

Phare

7 Publications

Informations de base

Numéro de catalogue:
21880-1-AP

Taille:
150ul , Concentration: 500 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG16393

Numéro d'acquisition GenBank:
BC099655

Identification du gène (NCBI):
1829

Nom complet:
desmoglein 2

MW calculé
1118 aa, 122 kDa

MW observés:
145-150 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:500-1:2000
IF 1:200-1:800

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HepG2, cellules A431, cellules A549, cellules HEK-293, cellules HeLa

IP : cellules HepG2,

IHC : tissu de cancer du poumon humain,

IF : cellules A431,

Informations générales

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmosomal cadherins, consisting of four desmogleins (DSG1-4) and three desmocollins (DSC1-3) in humans, mediate adhesion through calcium-dependent homophilic/heterophilic interactions. DSG2 is a single-pass transmembrane glycoprotein that is widely expressed in epithelial and non-epithelial tissues, such as the intestine, epidermis, testis, and heart (PMID:21715983). Defects in DSG2 are the cause of familial arrhythmogenic right ventricular dysplasia type 10 (ARVD10), and genetic variations in DSG2 are the cause of susceptibility to cardiomyopathy dilated type 1BB (CMD1BB).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jianhai Zhang	27237588	Food Chem Toxicol	WB
Chen Zhang	24826891	Helicobacter	IF
Indrajyoti Indra	34260281	Mol Biol Cell	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

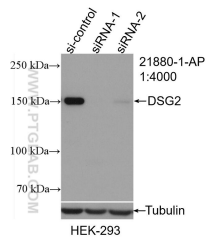
For technical support and original validation data for this product please contact:

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

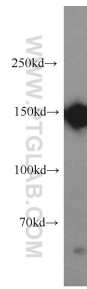
E: proteintech@ptglab.com
W: ptglab.com

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

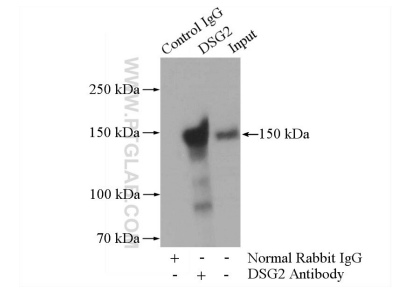
Données de validation sélectionnées



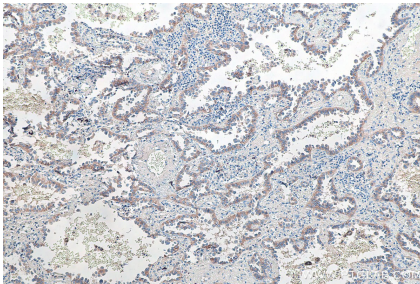
WB result of DSG2 antibody (21880-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DSG2 transfected HEK-293 cells.



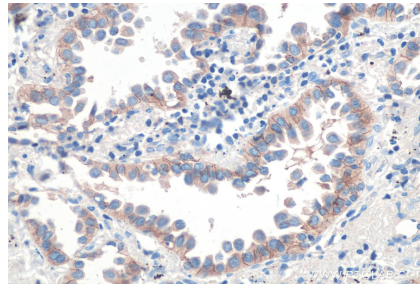
HepG2 cells were subjected to SDS PAGE followed by western blot with 21880-1-AP (DSG2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



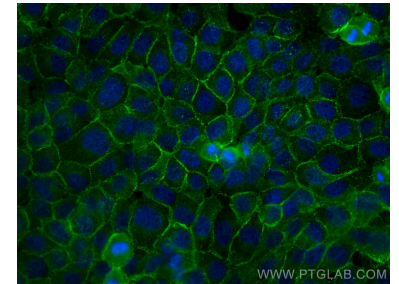
IP Result of anti-DSG2 (IP:21880-1-AP, 4ug; Detection:21880-1-AP 1:1000) with HepG2 cells lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 21880-1-AP (DSG2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 21880-1-AP (DSG2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using DSG2 antibody (21880-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).