

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DFF45/DFFA



Numéro de catalogue: 10191-2-AP

Phare

2 Publications

Informations de base

Numéro de catalogue:

10191-2-AP

Taille:

150ul, Concentration: 650 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0244

Numéro d'acquisition GenBank:

BC000037

Identification du gène (NCBI):

1676

Nom complet:

DNA fragmentation factor, 45kDa, alpha polypeptide

MW calculé

37 kDa

MW observés:

37 kDa, 45 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

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 A549, cellules HEK-293, cellules HeLa, cellules SKOV-3

IP : cellules HEK-293,

IHC : tissu de cancer de la prostate humain,

IF : cellules HEK-293,

Informations générales

Apoptosis is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF), heterodimer of 40-kDa (DFFB) and 45-kDa (DFFA) subunits, is one of the major endonucleases responsible for internucleosomal DNA cleavage during apoptosis. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF activated after cleavage of DFFA by caspase-3 followed by its dissociation from DFFB. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. DFFA appears to be a 45-kDa protein despite the predicated MW of 37 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hao He	31974591	Mol Med Rep	WB
Zhang Jianjun J	20687965	Mol Cancer	WB

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.

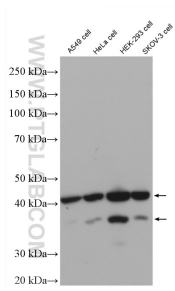
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

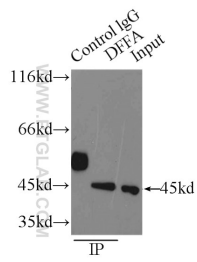
E: proteintech@ptglab.com
W: ptglab.com

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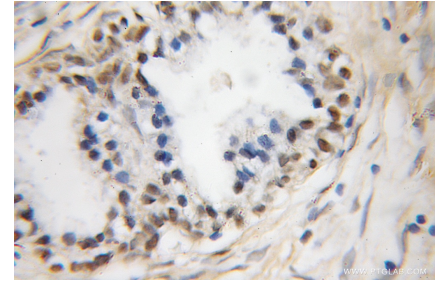
Données de validation sélectionnées



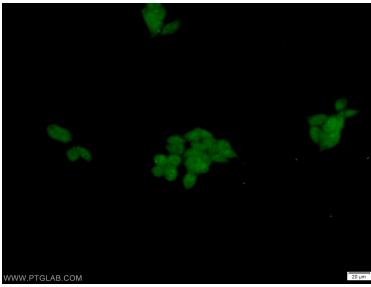
Various lysates were subjected to SDS PAGE followed by western blot with 10191-2-AP (DFF45/DFFA antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP Result of anti-DFF45/DFFA (IP:10191-2-AP, 3ug; Detection:10191-2-AP 1:1000) with HEK-293 cells lysate 2500ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10191-2-AP (DFF45/DFFA antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of HEK-293 cells using 10191-2-AP (DFF45/DFFA antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).