À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ERCC1

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:14586-1-AP Phare 15 Publications

Informations de base

Numéro de catalogue:
14586-1-AP

Taille:
150ul , Concentration: 550 μg/ml by Nanodrop and 333 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG6112

Numéro d'acquisition GenBank:
BC052813

Identification du gène (NCBI):
2067

Nom complet:
excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)

MW calculé
33 kDa

MW observés:
38 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:5000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:20-1:200
IF 1:50-1:500

Applications

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

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

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

Contrôles positifs:

WB : cellules HeLa, cellules MCF-7, cellules SKOV-3, cellules T-47D, tissu rénal humain

IP : cellules MCF-7,

IHC : tissu testiculaire humain, tissu cérébral humain, tissu cutané humain, tissu ovarien humain, tissu splénique humain

IF : cellules MCF-7,

Informations générales

Excision Repair Cross Complementing 1 (ERCC1) is a structure-specific endonuclease that is responsible for the 5'-incision during DNA repair. It forms a complex with ERCC11, XPF and ERCC4, which are required in both recombinatorial repair and nucleotide excision repair. It has been found that ERCC1, together with RRM1, are determinants of survival after surgical treatment of early-stage, non-small-cell lung cancer. (Ref: Simon, ER. 2005). The calculated molecular weight of ERCC1 is 33 kDa, but the modified ERCC1 is about38 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiali Fu	34544452	Cancer Cell Int	WB
Li-Ming Tan	31772670	J Cancer	WB
Ting-Ting Gong	32437713	Exp Cell Res	WB

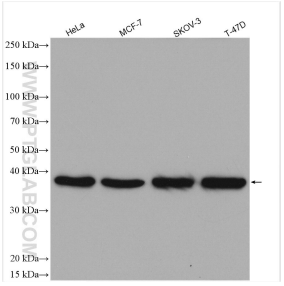
Stockage

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

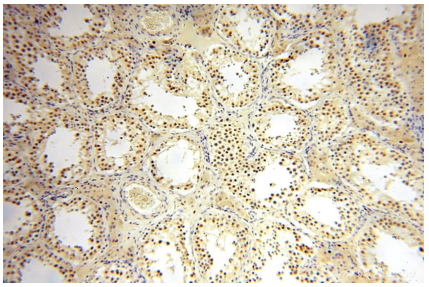
*** Les 20ul contiennent 0,1% de BSA.

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

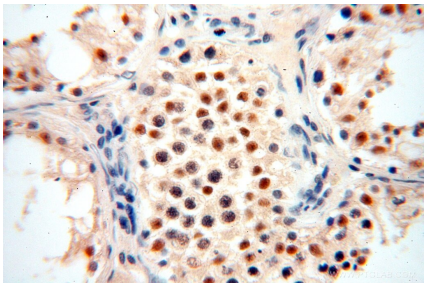
Données de validation sélectionnées



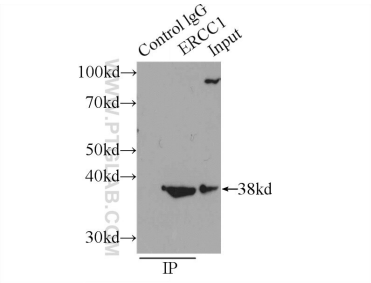
Various lysates were subjected to SDS PAGE followed by western blot with 14586-1-AP (ERCC1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



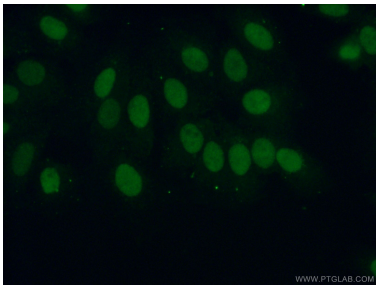
Immunohistochemical analysis of paraffin-embedded human testis using 14586-1-AP (ERCC1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 14586-1-AP (ERCC1 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-ERCC1 (IP:14586-1-AP, 3ug; Detection:14586-1-AP 1:300) with MCF-7 cells lysate 1600ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed MCF-7 cells using 14586-1-AP (ERCC1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).