

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-XPG



Numéro de catalogue: 11331-1-AP

Phare

8 Publications

Informations de base

Numéro de catalogue:
11331-1-AP

Taille:
150ul, Concentration: 350 µg/ml by Nanodrop and 187 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1874

Numéro d'acquisition GenBank:
BC031522

Identification du gène (NCBI):
2073

Nom complet:
excision repair cross-complementing rodent repair deficiency, complementation group 5

MW calculé
1186 aa, 133 kDa

MW observés:
200 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:3000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IF 1:20-1:200

Applications

Applications testées:
IF, IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Contrôles positifs:

WB : cellules HeLa, cellules Daudi, cellules HepG2

IP : cellules HeLa,

IF : cellules HeLa,

Informations générales

The human genes correcting DNA repair defects are termed excision-repair cross-complementing or ERCC genes. The ERCC5 gene corrects the excision repair deficiency of Chinese hamster ovary cell line UV135 of complementation group 5. The human ERCC5 gene product is a structure-specific endonuclease required for making the 3-prime incision during DNA nucleotide excision-repair (NER). It also plays an important role in regulating DNA excision repair, removal of bulky lesions caused by environmental chemicals or UV light [PMID:22815677]. The calculated molecular weight of ERCC5 is 133 kDa, but the modified ERCC5 protein is about 200 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Takaaki Yasuhara	30245011	Cell	WB
Li-Ming Tan	31772670	J Cancer	WB
Pallavi Rajput	27156884	Biochim Biophys Acta	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.

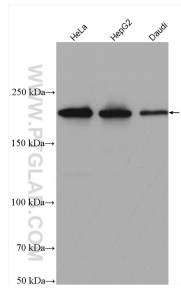
For technical support and original validation data for this product please contact:

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

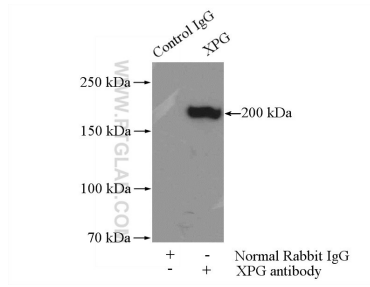
E: proteintech@ptglab.com
W: ptglab.com

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

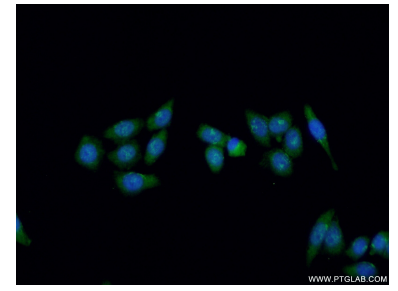
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 11331-1-AP (XPG antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP Result of anti-XPG (IP:11331-1-AP, 4 μ g; Detection:11331-1-AP 1:500) with HeLa cells lysate 1200 μ g.



Immunofluorescent analysis of HeLa cells using 11331-1-AP (XPG antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).