

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-RAD51AP1



Numéro de catalogue: 11255-1-AP

Phare

7 Publications

## Informations de base

Numéro de catalogue:  
11255-1-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:  
AG1781

Numéro d'acquisition GenBank:  
BC016330

Identification du gène (NCBI):  
10635

Nom complet:  
RAD51 associated protein 1

MW calculé  
38 kDa

MW observés:  
38 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:1000-1:4000  
IF 1:50-1:500

## Applications

Applications testées:  
IF, WB, ELISA

Demandes citées:  
IF, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris

Contrôles positifs:

WB : cellules HeLa, cellules Raji, tissu cérébral humain, tissu hépatique de rat, tissu hépatique de souris

IF : cellules HeLa,

## Informations générales

Homologous recombination (HR) is an important pathway for the elimination of DNA double-strand breaks (DSBs) and other deleterious lesions from chromosomes. The eukaryotic HR reaction is mediated by RAD51 [PMID:12456786]. RAD51AP1 (RAD51 associated protein 1), so named because it can interact with human RAD51, is a vertebrate-specific protein that enhances the ability of RAD51 to mediate the D-loop reaction. RAD51AP1 knockdown by siRNA leads to cellular sensitivity to DNA damaging agents and elevated DNA damage-induced chromatid breaks. Enhancement of the RAD51 recombinase activity by RAD51AP1 is contingent upon physical interaction of the two HR factors [PMID:17996710,17996711].

## Publications notables

Autrice	Pubmed ID	Journal	Application
Tribhuwan Yadav	36265486	Mol Cell	WB
Renwang Liu	36468013	Front Genet	WB
Jian Ouyang	33981036	Nature	WB,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.

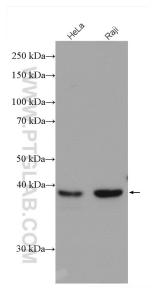
For technical support and original validation data for this product please contact:

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

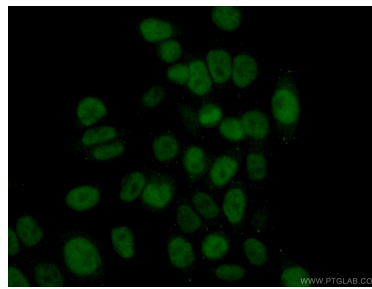
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 11255-1-AP (RAD51AP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 11255-1-AP (RAD51AP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).