

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MUS81



Numéro de catalogue: 11018-1-AP

Phare

2 Publications

## Informations de base

Numéro de catalogue: 11018-1-AP	Numéro d'acquisition GenBank: BC009999	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 80198	Dilutions recommandées: WB 1:500-1:2000 IF 1:20-1:200
Hôte: Lapin	Nom complet: MUS81 endonuclease homolog (S. cerevisiae)	
Isotype: IgG	MW calculé: 61 kDa	
Immunogen Catalog Number: AG1476	MW observés: 52-72 kDa	

## Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules HepG2, cellules NIH/3T3 IF : cellules MCF-7,
Demandes citées: IHC, WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain	

## Informations générales

The Crossover junction endonuclease MUS81 has associated endonuclease activity against structure-specific oligonucleotide substrates, including synthetic Holliday junctions(PMID:11741546). It interacts with EME1 and EME2 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. The open reading frame of human MUS81 predicts a translation product of 551 amino acids with a molecular mass of 59 kD. There are some reports showed that the enzyme can express a 72 kDa protein in human tissues(PMID:12724407).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yixi Xu	29106372	Elife	WB
Antonio Marzio	34963055	Cell	WB,IHC

## Stockage

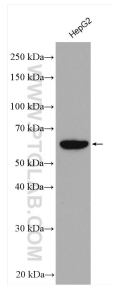
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



HepG2 cells were subjected to SDS PAGE followed by western blot with 11018-1-AP (MUS81 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of MCF-7 cells, using MUS81 antibody 11018-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).