

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OGG1



Numéro de catalogue: 30302-1-AP

Informations de base

Numéro de catalogue: 30302-1-AP	Numéro d'acquisition GenBank: BC000657	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 4968	Dilutions recommandées: WB 1:500-1:1000
Hôte: Lapin	Nom complet: 8-oxoguanine DNA glycosylase	
Isotype: IgG	MW calculé 22 kDa, 36-40 kDa, 45-57 kDa	
Immunogen Catalog Number: AG32962	MW observés: 36-40 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules A549, tissu de muscle squelettique de rat
Spécificité de l'espèce: Humain, rat	

Informations générales

The DNA damages induced by ROS contain base modification, base loss, and DNA single strand breaks, which are usually repaired by the base excision repair (BER) pathway in both prokaryotes and eukaryotes. OGG1 (The human 8-oxoguanine glycosylase 1) is the primary enzyme in BER pathway, responsible for the excision of 7, 8-dihydro-8-oxoguanine (8-oxoG), a mutagenic base byproduct that occurs as a result of exposure to reactive oxygen species. There's 8 isoforms of OGG1, with calculated MW 22 kDa, 36-40 kDa and 45-57 kDa. The difference among these isoforms is the C-terminal (317-345aa).

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.

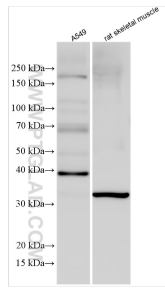
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 30302-1-AP (OGG1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.