

Nur für Forschungszwecke

OGG1 Polyklonaler Antikörper

Katalog-Nr.:30302-1-AP



Allgemeine Informationen

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| Katalog-Nr.: 30302-1-AP | GenBank-Zugangsnummer: BC000657 | Reinigungsmethode: Antigen-Affinitätsreinigung |
| Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop; | GeneID (NCBI): 4968 | Empfohlene Verdünnungen: WB 1:500-1:1000 |
| Wirt: Kaninchen | Vollständiger Name: 8-oxoguanine DNA glycosylase | |
| Isotyp: IgG | Berechnete Masse: 22 kDa, 36-40 kDa, 45-57 kDa | |
| Immunogen Katalognummer: AG32962 | Beobachtete Masse: 36-40 kDa | |

Anwendungen

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| Geprüfte Anwendungen: WB, ELISA | Positivkontrollen: WB : A549-Zellen, Ratten-Skelettmuskelgewebe |
| Getestete Reaktivität: Human, Ratte | |

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

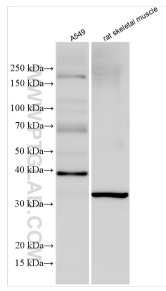
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



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.