



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### OGG1 MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00004968-D01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human OGG1 protein.

**Immunogen:** OGG1 (NP\_058212.1, 1 a.a. ~ 324 a.a) full-length human protein.

**Sequence:**

MPARALLPRRMGHRTLASTPALWASIPCPRSELRLDL  
VLPSGQSFRWREQSPAHWSGLADQVWTLTQTEEQ  
HCTVYRQDKSQSRPTPDELEAVRKYFQLDVTLAQLY  
HHWGSVDSHFQEVAQKFQGVRLLRQDPIECLFSFICS  
SNNNIARITGMVERLCQAFGPRLIQLDDVTYHGFP  
SLQALAGPEVEAHLRKLGLGYRARYVSASARAILEEQ  
GGLAWLQQLRESSYEEAHKALCILPGVGTKVADCI  
LMALDKPQAVPVDVHMWHIAQRDYSWHPTTSQA  
KGPSPQTNKELGNFFRSLWGYPYAGWAQAVSV  
PRCPP

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP, WB-Ce, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4968

**Gene Symbol:** OGG1

**Gene Alias:** HMMH, HOGG1, MUTM, OGH1

**Gene Summary:** This gene encodes the enzyme responsible for the excision of 8-oxoguanine, a mutagenic base byproduct which occurs as a result of

exposure to reactive oxygen. The action of this enzyme includes lyase activity for chain cleavage. Alternative splicing of the C-terminal region of this gene classifies splice variants into two major groups, type 1 and type 2, depending on the last exon of the sequence. Type 1 alternative splice variants end with exon 7 and type 2 end with exon 8. All variants share the N-terminal region in common, which contains a mitochondrial targeting signal that is essential for mitochondrial localization. Many alternative splice variants for this gene have been described, but the full-length nature for every variant has not been determined. [provided by RefSeq]