



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# OGG1 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00004968-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

**Product Description:** Mouse 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:**  
 MPARALLPRRMGHRTLASTPALWASIPCPRSELRLDLVPSGQSFRWR  
 EQSPAHWSGVLADQVWTLTQTEEQLHCTVYRGDKSQASRPTPDELEA  
 VRKYFQLDVTLAQLYHHWGSVDSHFQEVAQKFQGVRLLRQDPIECLFS  
 FICSSNNIARITGMVERLCQAFGPRLIQLDDVTYHGFPSLQALAGPEVEA  
 HLRKLGGLGYRARYVSASARAILEEQGGLAWLQQLRESSYEEAHKALCILP  
 GVGTKVADCICLMALDKPQAVPVDVHMWHIAQRDYSWHPTTSQAKGPS  
 PQTNKELGNFFRSLWGPYAGWAQAVSVPRCPP

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

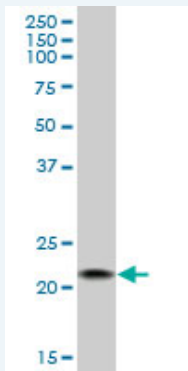
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**Datasheet:**  [Download](#)

## Applications

### Western Blot (Tissue lysate)



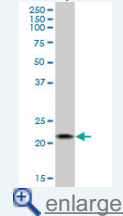
OGG1 MaxPab polyclonal antibody. Western Blot analysis of OGG1 expression in human kidney.

 [Protocol Download](#)

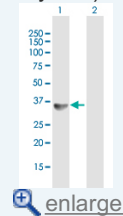
### Western Blot (Transfected lysate)

## Application Image

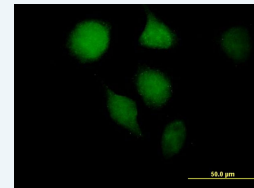
### Western Blot (Tissue lysate)

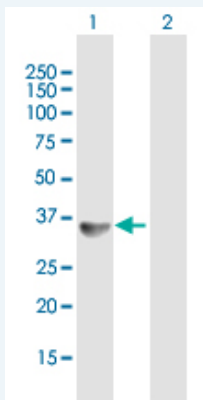


### Western Blot (Transfected lysate)



### Immunofluorescence



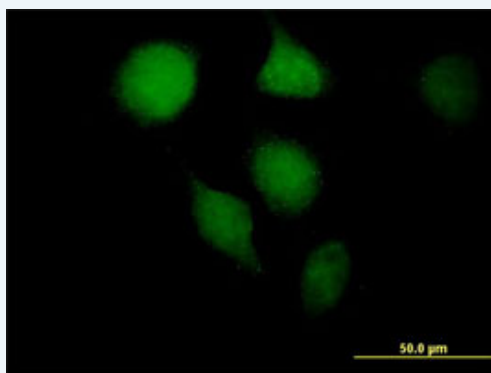


Western Blot analysis of OGG1 expression in transfected 293T cell line ([H00004968-T01](#)) by OGG1 MaxPab polyclonal antibody.

Lane 1: OGG1 transfected lysate(35.64 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Immunofluorescence



enlarge this image

Immunofluorescence of [purified](#) MaxPab antibody to OGG1 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Gene Information

**Entrez GeneID:** [4968](#)

**GeneBank** [NM\\_016819.2](#)  
**Accession#:**

**Protein** [NP\\_058212.1](#)  
**Accession#:**

**Gene Name:** OGG1

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

**Gene** 8-oxoguanine DNA glycosylase  
**Description:**

**Omim ID:** [144700](#), [601982](#)

**Gene Ontology:** [Hyperlink](#)

**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]

**Other Designations:** 8-hydroxyguanine DNA glycosylase, OTTHUMP00000122619

### Gene Pathway

---

[Base excision repair](#)

### Related Disease

---

[Adenocarcinoma](#) [Adenoma](#) [Adenomatous Polyposis Coli](#) [Adenomatous Polyps](#)  
[Alzheimer Disease](#) [Alzheimer disease](#) [Amyotrophic Lateral Sclerosis](#)  
[Amyotrophic lateral sclerosis](#) [Angiomyolipoma](#) [Asbestosis](#) [Ataxia telangiectasia](#) [Atrophy](#)  
[Barrett Esophagus](#) [Biliary Tract Neoplasms](#) [Brain Neoplasms](#) [Breast cancer](#)  
[Breast Neoplasms](#) [Carcinoma](#) [Carcinoma, Adenosquamous](#)

... see more

---

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.