

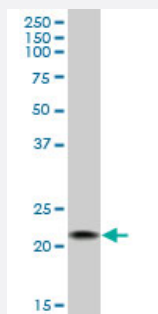
MaxPab®

OGG1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00004968-B01

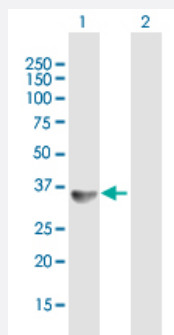
Size 50 uL

Applications



Western Blot (Tissue lysate)

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

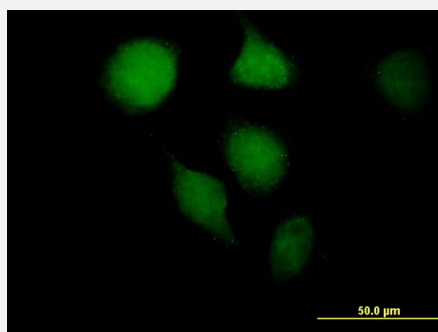


Western Blot (Transfected lysate)

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.



Immunofluorescence

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

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	MPARALLPRRMGHRTLASTPALWASIPCPRSELRLDLVLPQGQSFWRREQSPAHWSGVLADQV WTLTQTEEQHLCTVYRGDKSQASRPTPDELEAVRKYFQLDVTLAQLYHHWGSVDSHFQEVAQK FQGVRLLRQDPIELFSFICSSNNNIARITGMVERLCQAFGPRLIQLDDVTYHGFPQLALAGPEVE AHLRKLGLGYRARYVSASARAILEEQGLAWLQQLRESSYEEAHKALCILPGVGTKVADCICLMAL DKPQAVPVDVHMWHIAQRDYSWHPTTSQAKGPSPQTNKELGNFFRSLWGPYAGWAQAVSVPR CPP
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.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

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

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[Protocol Download](#)

- Immunofluorescence

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

Gene Info — OGG1

Entrez GeneID

[4968](#)

GeneBank Accession#

[NM_016819.2](#)

Protein Accession#	NP_058212.1
Gene Name	OGG1
Gene Alias	HMMH, HOGG1, MUTM, OGH1
Gene Description	8-oxoguanine DNA glycosylase
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

Pathway

- [Base excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adenomatous Polyposis Coli](#)
- [Adenomatous Polyps](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Angiomyolipoma](#)
- [Asbestosis](#)
- [Ataxia telangiectasia](#)

- [Atrophy](#)
- [Barrett Esophagus](#)
- [Biliary Tract Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
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- [Cleft Palate](#)
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- [Cognition](#)
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- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
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- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Edema](#)
- [Endometrial Neoplasms](#)

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- [Gallstones](#)
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- [Gastrointestinal Neoplasms](#)
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- [Glioma](#)
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- [Lymphoma](#)
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- [Meningeal Neoplasms](#)
- [Meningioma](#)

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- [Metabolic Syndrome X](#)
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- [Microsatellite Instability](#)
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- [Ovarian Neoplasms](#)
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- [Pharyngeal Neoplasms](#)

- [Pleural Neoplasms](#)
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- [Prostatic Neoplasms](#)
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- [Tooth Loss](#)
- [Translocation](#)
- [Tuberous sclerosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)
- [Werner syndrome](#)