

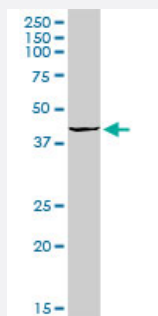
MaxPab®

OGG1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004968-D01

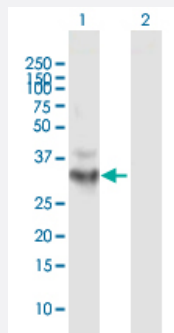
Size 100 uL

Applications



Western Blot (Cell lysate)

OGG1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OGG1 expression in Jurkat.

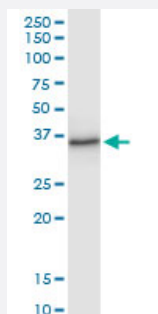


Western Blot (Transfected lysate)

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

Lane 1: OGG1 transfected lysate(36.40 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of OGG1 transfected lysate using anti-OGG1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with OGG1 MaxPab mouse polyclonal antibody (B01) ([H00004968-B01](#)).

Specification

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	MPARALLPRRMGHRRLASTPALWASIPCPRSELRLDLVLPSSGQSFRWREQSPAHWSGVLADQV WTLTQTEEQQLHCTVYRGDKSQASRPTPDELEAVRKYFQLDVTLAQLYHHWGSVDSHFQEVAQK FQGVRLLRQDPIECLFSFICSSNNNIARITGMVERLCQAFGPRLIQLDDVTYHGFPSLQALAGPEVE AHLRKLGLGYRARYVSASARAILEEQGGLAWLQQRESSYEEAHKALCILPGVGTKVADCICLMAL DKPQAVPVDVHMWHIAQRDYSWHPTTSQAKGPSPQTNKELGNFFRSLWGPYAGWAQAVSVPR CPP
Host	Rabbit
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.

Applications

- Western Blot (Cell lysate)

OGG1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OGG1 expression in Jurkat.

[Protocol Download](#)

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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](#)

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- [Atrophy](#)
- [Barrett Esophagus](#)
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- [Breast Neoplasms](#)
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- [Cognition](#)
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- [Colonic Neoplasms](#)
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- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Edema](#)

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