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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OGG1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00004968-D01P

規格 : [100 ug]

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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:
 MPARALLPRRMGHRTLASTPALWASIPCPRSELRLDLVLPQGQSFWRW
 EQSPAHWSGVLADQVWTLTQTEEQQLHCTVYRGDKSQASRPTPDELEA
 VRKYFQLDVTLAQLYHHWGSVDSHFQEVAQKFQGVRLLRQDPIECLFS
 FICSSNNIARITGMVERLCQAFGPRLIQLDDVTYHGFPSLQALAGPEVEA
 HLRKLGGLGYRARYVSASARAILEEQGGLAWLQQLRESSYEEAHKALCILP
 GVGTKVADCICLMALDKPQAVPVDVHMWHIAQRDYSWHPTTSQAKGPS
 PQTNKELGNFFRSLWGPYAGWAQAVSVPRCPP

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

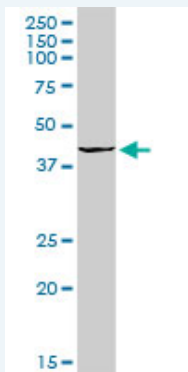
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Cell lysate)



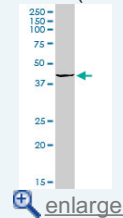
OGG1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OGG1 expression in Jurkat.

 [Protocol Download](#)

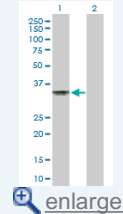
Western Blot (Transfected lysate)

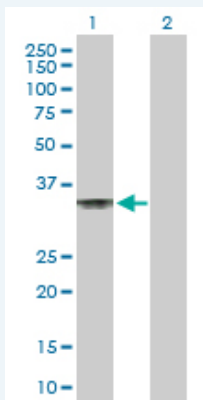
Application Image

Western Blot (Cell lysate)



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.

 [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 8-hydroxyguanine DNA glycosylase,OTTHUMP00000122619

Designations:

Gene Pathway

[Base excision repair](#)

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