

# OGG1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14637

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O15527</a>
<b>Other Accession</b>	<a href="#">NM_016829</a> , <a href="#">NP_058438</a>
<b>Reactivity</b>	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	38782

## Additional Information

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<b>Gene ID</b>	4968
<b>Alias Symbol</b> <b>Other Names</b>	HMMH, HOGG1, MUTM, OGH1 N-glycosylase/DNA lyase, 8-oxoguanine DNA glycosylase, 3.2.2.-, DNA-(apurinic or apyrimidinic site) lyase, AP lyase, 4.2.99.18, OGG1, MMH, MUTM, OGH1
<b>Target/Specificity</b>	Directed against isoforms 2D, 1A, 1B, 2E.
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-OGG1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	OGG1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	OGG1
<b>Synonyms</b>	MMH, MUTM, OGH1
<b>Function</b>	DNA repair enzyme that incises DNA at 8-oxoG residues. Excises 7,8-dihydro-8-oxoguanine and 2,6-diamino-4-hydroxy-5-N-methylformamidopyrimidine (FAPY) from damaged DNA. Has a beta-lyase activity that nicks DNA 3' to the lesion.

<b>Cellular Location</b>	Nucleus, nucleoplasm. Nucleus speckle. Nucleus matrix. Note=Together with APEX1 is recruited to nuclear speckles in UVA-irradiated cells [Isoform 2A]: Mitochondrion.
<b>Tissue Location</b>	Ubiquitous.

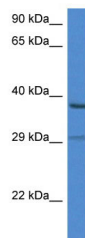
## References

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## Images

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WB Suggested Anti-OGG1 Antibody Titration: 1.0 µg/ml  
Positive Control: ACHN Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.