

Product datasheet for **TA357818**

OGG1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Directed against isoforms 2D, 1A, 1B, 2E.

Expected reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rat

Homology: Cow: 93%; Dog: 100%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 92%; Rat: 79%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified

Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 38kDa

Gene Name: 8-oxoguanine DNA glycosylase

Database Link: [NP_058438](#)
[Entrez Gene 4968 Human](#)
[O15527](#)



[View online »](#)

Background:

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.

Synonyms:

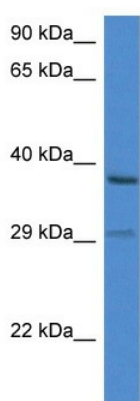
HMMH; HOGG1; MMH; MUTM; OGH1

Protein Families:

Druggable Genome

Protein Pathways:

Base excision repair

Product images:

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