

# OGG1 Conjugated Antibody

Catalog No: #C38236

Package Size: #C38236-AF350 100ul #C38236-AF405 100ul #C38236-AF488 100ul #C38236-AF555 100ul #C38236-AF594 100ul #C38236-AF647 100ul #C38236-AF680 100ul #C38236-AF750 100ul #C38236-Biotin 100ul #C38236-Conjugated 50ul

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## Description

Product Name	OGG1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total OGG1 antibody.
Immunogen Description	Recombinant protein of human OGG1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HMMH; MUTM; OGH1; HOGG1; OGG1;
Accession No.	Swiss-Prot#:O15527NCBI Gene ID:4968
Calculated MW	39
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

## 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. 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, Aug 2008]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.