OGG1 Rabbit Polyclonal Antibody

CAB2268

Product Information

Size:

100uL, 200uL

Observed MW:

36kDa

Calculated MW:

22kDa/36kDa/38kDa/39kDa/
40kDa/45kDa/47kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:200 - 1:1000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
4968

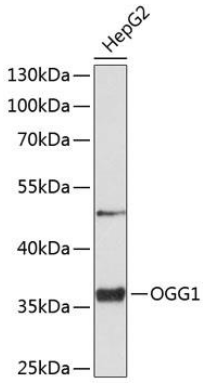
Uniprot
O15527

Synonyms:
OGG1; HMMH; HOGG1; MUTM; OGH1

Immunogen:
A synthetic peptide of human OGG1

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of HepG2 cells, using OGG1 antibody (CAB2268) at 1:1000 dilution._Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution._Lysates/proteins: 25ug per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Enhanced Kit (CABM00021)._Exposure time: 90s.

