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## OGG1 (N) Antibody, Rabbit Polyclonal

**Cat#: R1616-1**

**Quantity: 100 ul**

**Predicted | Observed MW: 39 | 46 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: O15527**

### **Background:**

N-glycosylase/DNA lyase (OGG1) belongs to the type-1 OGG1 family and is a DNA repair enzyme that incises DNA at 8-oxoG residues. OGG1 excises 7,8-dihydro-8-oxoguanine and 2,6-diamino-4-hydroxy-5-N-methylformamidopyrimidine (FAPY) from damaged DNA. OGG1 has a beta-lyase activity that nicks DNA 3' to the lesion.

### **Other Names:**

N-glycosylase/DNA lyase, MMH, MUTM, OGH1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human OGG1. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

Human

### **Tested Applications:**

WB: 1:500-1:2,000 (detect endogenous protein\*)

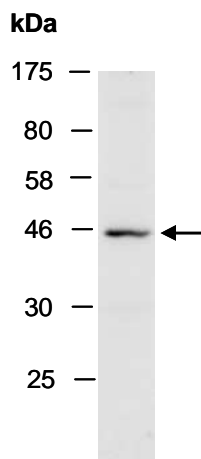
\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.



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**Product Data:**



**Fig 1.** Western blot of total cell extracts from human HepG2, using Ab (R1616-1) at RT for 2 h.

Last Update: 8/2012

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