

Anti-OGG1 Rabbit Monoclonal Antibody

Catalog # ABO15176

Product Information

Application	WB
Primary Accession	O15527
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-OGG1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Additional Information

Gene ID	4968
Other Names	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
Calculated MW	38782
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 17O52
Immunogen	A synthesized peptide derived from human OGG1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	OGG1
Synonyms	MMH, MUTM, OGH1
Function	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.

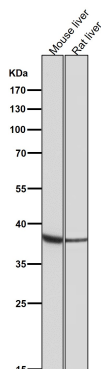
Cellular Location

Nucleus, nucleoplasm. Nucleus speckle. Nucleus matrix. Note=Together with APEX1 is recruited to nuclear speckles in UVA-irradiated cells [Isoform 2A]: Mitochondrion.

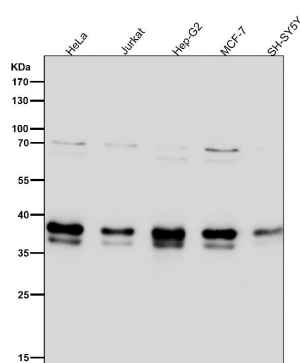
Tissue Location

Ubiquitous.

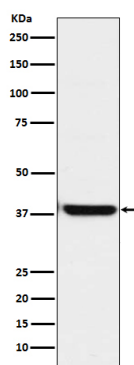
Images



All lanes use the Antibody at 1:2W dilution for 1 hour at room temperature.



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Western blot analysis of OGG1 expression in HepG2 cell lysate.

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