

OGG1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12248**Specification**

OGG1 Antibody (Internal) - Product Information

Application	WB
Primary Accession	O15527
Reactivity	Human, Mouse
Host	Goat
Clonality	Polyclonal
Calculated MW	39kDa KDa

OGG1 Antibody (Internal) - 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

Target/Specificity

Mouse OGG1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

OGG1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

OGG1 Antibody (Internal) - 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.

OGG1 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OGG1 Antibody (Internal) - Images



Antibody (0.1 ug/ml) staining of Rat Spleen lysate (35 ug protein in RIPA buffer).

OGG1 Antibody (Internal) - Background

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OGG1 Antibody (Internal) - References

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Rosenquist T.A., et al. *Proc. Natl. Acad. Sci. U.S.A.* 94:7429-7434(1997).
Roldan-Arjona T., et al. *Proc. Natl. Acad. Sci. U.S.A.* 94:8016-8020(1997).
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Lu R., et al. *Curr. Biol.* 7:397-407(1997).