

OGG1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14637

Specification

OGG1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O15527
Other Accession	NM_016829 , NP_058438
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 38kDa KDa

OGG1 antibody - C-terminal region - Additional Information

Gene ID 4968

Alias Symbol HMMH, HOGG1, MUTM, OGH1

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

Directed against isoforms 2D, 1A, 1B, 2E.

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-OGG1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

OGG1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

OGG1 antibody - C-terminal region - 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

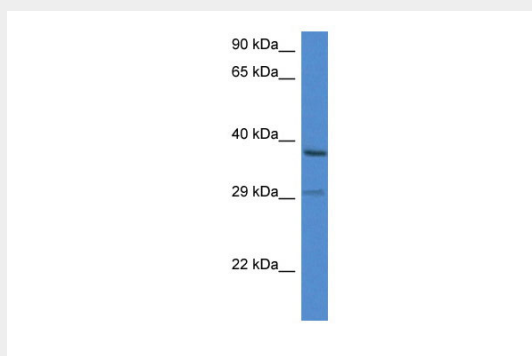
Ubiquitous.

OGG1 antibody - C-terminal region - 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 - C-terminal region - Images



WB Suggested Anti-OGG1 Antibody Titration: 1.0 µg/ml
Positive Control: ACHN Whole Cell

OGG1 antibody - C-terminal region - References

- Aburatani H., et al. *Cancer Res.* 57:2151-2156(1997).
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).
Radicella J.P., et al. *Proc. Natl. Acad. Sci. U.S.A.* 94:8010-8015(1997).
Lu R., et al. *Curr. Biol.* 7:397-407(1997).