

## 8-OHdG Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251640

**Unit:** 0.1 mg

**Description:**

8-hydroxydeoxyguanosine (8-OHdG) is a modified base indicative of DNA damage associated with mutagenesis and carcinogenesis. There is increasing evidence to support the involvement of free radical reactions in the damage of biomolecules that eventually lead to several diseases in humans, such as atherosclerosis, cerebral and heart ischemia-reperfusion injury, cancer, rheumatoid arthritis, inflammation, diabetes, aging, and neurodegenerative conditions such as Alzheimer's disease.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

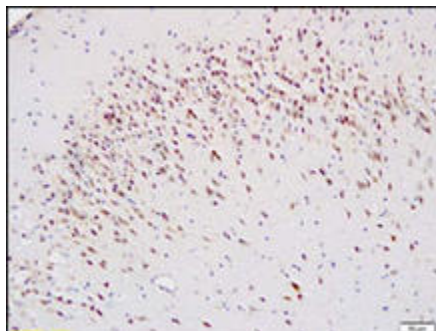
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 0.1 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

**Alternate Names:** 8-OHdG; 8-oxoguanine; 8-hydroxy-2-deoxyguanine; 8-oxyguanosine; 7,8-Dihydro-8-oxo-2'-deoxyguanosine; 7,8-Dihydro-8-oxodeoxyguanosine; 8-Hydroxy-2'-deoxyguanosine; 8-Hydroxydeoxyguanosine; 8-Oxo-2'-deoxyguanosine; 8-Oxo-7,8-dihydro-2'-deoxyguanosine; 8-Oxo-7,8-dihydrodeoxyguanosine; 8-Oxo-dG

**Accession No.:** 88847-89-6

**Antigen:** KLH-conjugated 8-OHdG.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



**8-OHdG staining in rat brain. Formalin-fixed paraffin-embedded injured rat brain is stained with 8-OHdG Antibody (Cat. No. 251640) used at 1:200 dilution.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.