

8-OHdG Antibody

Subcategory: Rabbit Polyclonal Antibody, Biotin-conjugated Antibody

Cat. No.: 252514

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, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G 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: BSA-conjugated 8-OHdG.

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

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.