

Rabbit Anti-8-OHdG (DNA/RNA Damage) Polyclonal Antibody

Host: Rabbit

Target Protein: 8-OHdG (DNA/RNA Damage)

IR: Immunogen Range:

Clonality: Polyclonal

Isotype: IgG

Entrez Gene: N/A

Swiss Prot: N/A

Source: KLH conjugated 8-OHdG:

Purification: affinity purified by Protein A

Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. Shipped at 4°C.
Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: 8-Hydroxydeoxyguanosine (8OHdG) is a modified base that occurs in DNA due to attack by hydroxyl radicals that are formed as byproducts and intermediates of aerobic metabolism and during oxidative stress. 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.

Size: 100ul

Concentration: 1mg/ml

Applications: ELISA(1:5000-10000)
IHC-P(1:100-500)
IHC-F(1:100-500)
IF(1:100-500)

Cross Reactive Species: Human

For research use only. Not intended for diagnostic or therapeutic use.