

PRODUCT INFORMATION

Polyclonal Antibody to 8-Oxo-2-deoxyguanosine

Cat. No. SQP003.1 (100µg)

- Detects a specific mutagenic DNA modification induced by several exogenous and endogenous sources e.g. UV-light, radiation, dusts, diesel exhaust, inflammations, food, smoking, cancer therapeutics, environmental carcinogens, workplace carcinogens
- Molecular epidemiology of exposure
- Pre- and intratherapeutic dosimetry of exposure to anticancer agents
- Basic research of molecular mechanisms of carcinogenesis
- Mutagenicity testing of substances

Product Data

Catalogue No.:	SQP003.1
Product Name:	Affinity purified polyclonal antibody to 8-Oxo-2-deoxyguanosine
Product Size:	100 µg
Tested with:	Rat, human
Source/Host:	rabbit
Formulation:	lyophilized
Reconstitution and Storage:	Store lyophilized product at -20°C until opened. After opening, restore with 1.0 ml PBS/NaN ₃ /1% BSA to a final concentration of 100 µg pAb/ml. After further dilution, do not use for more than one day. For extended storage after reconstitution we suggest aliquoting and storage at -20°C.
Purification:	The antibody was isolated from partially purified rabbit serum by affinity chromatography on a 8-Oxo-guanosine HYDRA-affinity support
Tested Application:	Immunocytochemistry ELISA

References

1. Nehls et al. Formation and persistence of 8-oxoguanine in rat lung cells as an important determinant for tumor formation following particle exposure. Environmental Health Perspectives (1997), Suppl. 5, 1291-1296.

Last updated: 12/2020