



Anti-OGG1 monoclonal antibody, clone FQS5775(3) (DCABH-1587)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Ogg1
Antigen Description	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.
Immunogen	A synthetic peptide corresponding to residues at the C-terminus of Human Ogg1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS5775(3)
Purity	Tissue culture supernatant
Conjugate	Unconjugated
Applications	WB
Positive Control	Human cerebellum, HeLa, JAR and HepG2 lysates.
Format	Liquid
Size	100 µl
Buffer	pH: 7.40; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	OGG1 8-oxoguanine DNA glycosylase [Homo sapiens]
Official Symbol	OGG1
Synonyms	OGG1; 8-oxoguanine DNA glycosylase; N-glycosylase/DNA lyase; 8 hydroxyguanine DNA

glycosylase; HMMH; HOGG1; MUTM; OGG1 type 1d; OGG1 type 1e; OGG1 type 1g; OGG1 type 1h; OGH1; AP lyase; OGG1 type 1f; 8-hydroxyguanine DNA glycosylase; DNA-apurinic or apyri

Entrez Gene ID	4968
Protein Refseq	NP_002533
UniProt ID	E5KPN1
Chromosome Location	3p26
Pathway	Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Base-Excision Repair, AP Site Formation, organism-specific biosystem; Base-free sugar-phosphate removal via the single-nucleotide replacement pathway, organism-specific biosystem; Cleavage of the damaged purine, organism-specific biosystem; DNA Repair, organism-specific biosystem;
Function	damaged DNA binding; endonuclease activity; hydrolase activity, acting on glycosyl bonds; lyase activity; oxidized purine base lesion DNA N-glycosylase activity; protein binding;