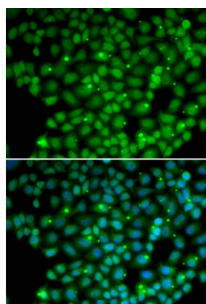


MutY Homolog (MUTYH) Antibody

Catalogue No.: abx001356



Immunofluorescence analysis of U2OS cells using MUTYH Antibody. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

MUTYH Antibody is a Rabbit Polyclonal antibody against MUTYH. This gene encodes a DNA glycosylase involved in oxidative DNA damage repair. The enzyme excises adenine bases from the DNA backbone at sites where adenine is inappropriately paired with guanine, cytosine, or 8-oxo-7,8-dihydroguanine, a major oxidatively damaged DNA lesion. The protein is localized to the nucleus and mitochondria. Mutations in this gene result in heritable predisposition to colon and stomach cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

| | |
|-------------------------------|--|
| Target: | MutY Homolog (MUTYH) |
| Clonality: | Polyclonal |
| Reactivity: | Human, Rat |
| Tested Applications: | ELISA, IHC, IF/ICC |
| Host: | Rabbit |
| Recommended dilutions: | ELISA: 1 µg/ml, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-265 of human MUTYH. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q9UIF7 (UniProt , ExPASy) |

Datasheet

Version: 4.0.0

Revision date: 31 May 2025



Gene Symbol: MUTYH

GeneID: [4595](#)

NCBI Accession: NP_001041636.1

String: [9606.ENSP00000361170](#)

Molecular Weight: Calculated MW: 60 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only