

MUTYH Rabbit Polyclonal Antibody



CAB1612

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

57kDa/58kDa/59kDa/60kDa

Applications:

IHC IF

Reactivity:

Human, Rat

Antibody Information

Recommended dilutions:

IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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. This gene product is thought to play a role in signaling apoptosis by the introduction of single-strand breaks following oxidative damage. Mutations in this gene result in heritable predisposition to colorectal cancer, termed MUTYH-associated polyposis (MAP). Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

4595

Uniprot

Q9UIF7

Synonyms:

MUTYH; MYH

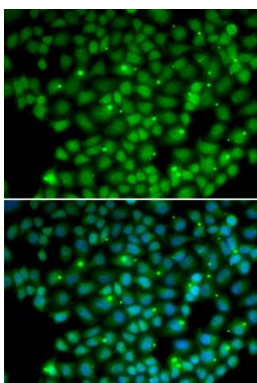
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-265 of human MUTYH (NP_001041636.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of U2OS cells using MUTYH antibody (CAB1612). Blue: DAPI for nuclear staining.