

MUTYH

Reactivity: Human Mouse

Tested applications: WB IF FC

Recommended Dilution: WB 1:500 - 1:2000 IF 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW: 60kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human MUTYH

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

ef

Synonym:

MYH;

Catalog #: A2265

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4595

Isotype: IgG

Swiss Prot: Q9UIF7

Purity: Affinity purification

For research use only.

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. 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.

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