

MYH Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05687
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MUTYH. AA range:151-200
Mol wt	60069
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	MYH Antibody
Synonyms	MUTYH; MYH; A/G-specific adenine DNA glycosylase; MutY homolog; hMYH

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MUTYH 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. A/G-specific adenine DNA glycosylase 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

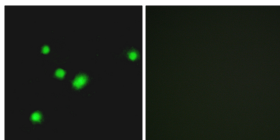
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

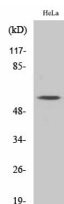
ELISA: 1: 10000

Not yet tested in other applications.

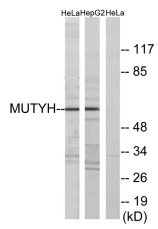
Images



Immunofluorescence analysis of A549 cells, using MUTYH Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using MYH Polyclonal Antibody diluted at 1:1000 cells nucleus.



Western blot analysis of lysates from HeLa and HepG2 cells, using MUTYH Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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