SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0118-100	600 µg

Anti-MUTYH

Source: Goat

General description: Polyclonal antibody to MUTYH. MUTYH is involved in oxidative DNA damage repair. It nicks DNA replication errors, specifically A/G mismatches.

Alternative names: MYH, CYP2C, MGC4416, Myh, Mutyha, Mutyhb, Mutyhc, Mutyhbeta, Mutyhalpha, 5730495A01Rik, MGC156598, MUTYH, MGC128714, MGC145569 antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 476 aa to the C-terminus of human Mutyh produced in E. coli.

Specificity: In 293HEK cells transfected with cds plasmid (myc-his-Mutyh) detects a band of 50 kDa by Western blot.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	ND	ND
Rat	+++	ND	ND	ND	ND
Mouse	+++	ND	ND	ND	ND
Canine	+++	ND	ND	ND	ND
Monkey	+++	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

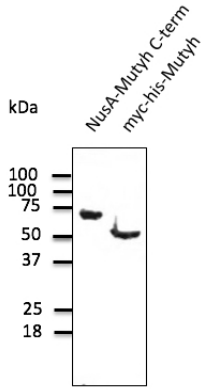
WB: 1:500-1:2,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

References:

1. Ferreira JV, Rosa Soares A, Ramalho JS, et al. PLoS One. 2019 Oct. PMID: 31613922



Anti-Mutyh Ab at 1/1,000 dilution; recombinant protein at 50 ng and 293HEK transfected lysate at 100 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.