

Datasheet

MUTYH purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00004595-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human MUTYH protein.

Immunogen: MUTYH (NP_001041636.1, 1 a.a. ~ 535 a.a) full-length human protein.

Sequence:

MTPLVSRLSRLWAIMRKPRAAVGSGHRKQAASQEGR
QKHAKNNSQAKPSACDGLARQPEEVVLQASVSSYHL
FRDVAEVTAFRGSLLSWYDQEKRDLPWRRRAEDEMD
LDRRAYAVWVSEVMLQQTQVATVINYYTGWMQKWPT
LQDLASASLEEVLWAGLGYYSRGRRLQEGARKVV
EELGGHMPRTAETLQQLPGVGRYTAGAIAAFGQAT
GVVDGNVARVLCRVRAIGADPSSTLVSQQLWGLAQQ
LVDPARPGDFNQAAAMELGATVCTPQRPLCSQCPVES
LCRARQRVEQEQLLASGSLSGSPDVEECAPNTGQCH
LCLPPSEPWDQTLGVVNFPRKASRKPPREESSATCVL
EQPGALGAQILLVQRPNSGLLAGLWEFPSVTWEPSEQ
LQRKALLQELQRWAGPLPATHLRHLGEVVHTFSHIKLT
YQVYGLALEGQTPVTTVPPGARWLTQEEFHAAVSTA
MKKVFRVYQGQPGTCMGSKRSQVSSPCSRKKPRM
GQQVLDNFFRSHISTDAHSLNSAAQ

Host: Rabbit

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4595

Gene Symbol: MUTYH

Gene Alias: MGC4416, MYH

Gene Summary: 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. [provided by RefSeq]