

Datasheet for ABIN334441
anti-MUTYH antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	MUTYH
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MUTYH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	MUTYH
Immunogen:	Peptide with sequence C-HISTDAHSLNSAAQ, from the C Terminus of the protein sequence according to NP_036354.1, NP_001041636.1, NP_001041637.1, NP_001041638.1, NP_001121897.1.
Sequence:	HISTDAHSLN SAAQ
Isotype:	IgG
Specificity:	This antibody is expected to recognise all reported isoforms (NP_036354.1, NP_001041636.1, NP_001041637.1, NP_001041638.1, NP_001121897.1). Reported variants represent identical protein (NP_001041638.1, NP_001041639.1).
Cross-Reactivity:	Human

Product Details

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: MUTYH

Alternative Name: MUTYH ([MUTYH Products](#))

Background: MUTYH, MYH, mutY homolog (E. coli), mutY (E. coli) homolog, RP4-534D1.2, CYP2C, MGC4416, A/G-specific adenine DNA glycosylase, OTTHUMP00000009098, OTTHUMP00000009102, mutY homolog

Gene ID: 4595

NCBI Accession: [NP_036354](#), [NP_001041636](#), [NP_001041637](#), [NP_001041638](#), [NP_001121897](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: Western Blot: Approx 60 kDa band observed in Human Bone Marrow lysates (calculated MW of 60.0 kDa according to NP_036354.1). Recommended concentration: 0.1-0.3 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Image 1. ABIN334441 (0.1µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.