



MUTYH Antibody

CATALOG NUMBER: 45-921



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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 60kDa band observed in Human Bone Marrow lysates (calculated MW of 60.0kDa according to NP_036354.1). Recommended concentration: 0.1-0.3ug/ml.
POSITIVE CONTROL:	1) Human Bone Marrow Lysate
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).
IMMUNOGEN:	MUTYH antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of MUTYH.
HOST SPECIES:	Goat

Properties

PURIFICATION:	MUTYH antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	MUTYH antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MUTYH, MYH, mutY homolog (E. coli), mutY (E. coli) homolog
ACCESSION NO.:	NP_036354.1, NP_001041636.1, NP_001041637.1, NP_001041638.1, NP_001041639.1
PROTEIN GI NO.:	6912520

OFFICIAL SYMBOL:	MUTYH
GENE ID:	4595

Background

REFERENCES: 1) Slupska MM, Baikarov C, Luther WM, Chiang JH, Wei YF, Miller JH. Cloning and sequencing a human homolog (hMYH) of the Escherichia coli mutY gene whose function is required for the repair of oxidative DNA damage. J Bacteriol. 1996 Jul;178(13):3885-92.

FOR RESEARCH USE ONLY

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