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Research Use Only. Not for diagnostic or therapeutic use.

EB06329 - Goat Anti-MUTYH Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MUTYH, MYH, mutY homolog (E. coli), mutY (E. coli) homolog, RP4-534D1.2, CYP2C, MGC4416, A/G-specific adenine DNA glycosylase, OTTHUMP0000000998, OTTHUMP00000009102, mutY homolog

Official Symbol: MUTYH

Accession Number(s): NP_036354.1; NP_001041636.1; NP_001041637.1;

NP_001041638.1; NP_001121897.1

Human GeneID(s): 4595

Important Comments: 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

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.

Please note the peptide is available for sale.

Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide 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: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06329 (0.1 μ g/ml) staining of Human Bone Marrow lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.