

Goat anti-MUTYH Antibody

Item Number	dAP-0976
Target Molecule	Principle Name: MUTYH; Official Symbol: MUTYH; All Names and Symbols: 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; Accession Number (s): NP_036354.1; NP_001041636.1; NP_001041637.1; NP_001041638.1; NP_001121897.1; Human Gene ID(s): 4595; Non-Human GeneID(s):
Immunogen	HISTDAHSLNSAAQ, is from C Terminus 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
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Slupska MM, Baikalov 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..PMID: 8682794 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**