

## Goat anti-MUTYH Antibody

<b>Item Number</b>	dAP-0976
<b>Target Molecule</b>	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):
<b>Immunogen</b>	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
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. <i>J Bacteriol.</i> 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 end users! This product is sold for **Research Use Only**