

Product datasheet for **TA302935**

MYH (MUTYH) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:16,000. WB: 0.1-0.3µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
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_001041639.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	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.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	mutY DNA glycosylase
Database Link:	NP_001041636 Entrez Gene 4595 Human Q9UIF7



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Background:

This gene encodes a DNA glycosylase involved in oxidative DNA damage repair. The enzyme excises adenine bases from the DNA backbone at sites where adenine is inappropriately paired with guanine, cytosine, or 8-oxo-7,8-dihydroguanine, a major oxidatively damaged DNA lesion. The protein is localized to the nucleus and mitochondria. Mutations in this gene result in heritable predisposition to colon and stomach cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Synonyms:

MYH

Protein Families:

Druggable Genome, Stem cell - Pluripotency

Protein Pathways:

Base excision repair

Product images:

TA302935 (0.1ug/ml) staining of Human Bone Marrow lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.