

## ARG64111 anti-MUTYH antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes MUTYH
Tested Reactivity	Hu
Tested Application	WB
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).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MUTYH
Species	Human
Immunogen	C-HISTDAHSLNSAAQ
Conjugation	Un-conjugated
Alternate Names	MYH; A/G-specific adenine DNA glycosylase; MutY homolog; hMYH; EC 3.2.2.-

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links [GeneID: 4595 Human](#)

[Swiss-port # Q9UIF7 Human](#)

**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, Jul 2008]

**Research Area** Gene Regulation antibody

**Calculated Mw** 60 kDa

## Images

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ARG64111 anti-MUTYH antibody WB image

Western Blot: Human Bone Marrow lysate (35 µg protein in RIPA buffer) stained with ARG64111 anti-MUTYH antibody at 0.1 µg/ml dilution.