

## MUTYH RABBIT PAB

**Cat.#:** S216665

**Product Name:** Anti-MUTYH Rabbit Polyclonal Antibody

**Synonyms:** MYH

**UNIPROT ID:** Q9UIF7 (Gene Accession - BC003178 )

**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.

**Immunogen:** Fusion protein of human MUTYH

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 1000-5000;ELISA: 2000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

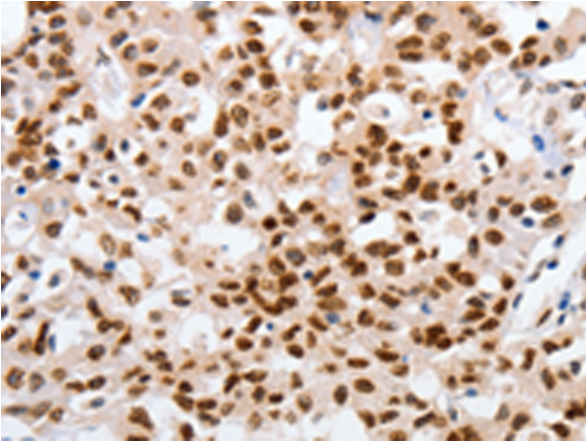
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

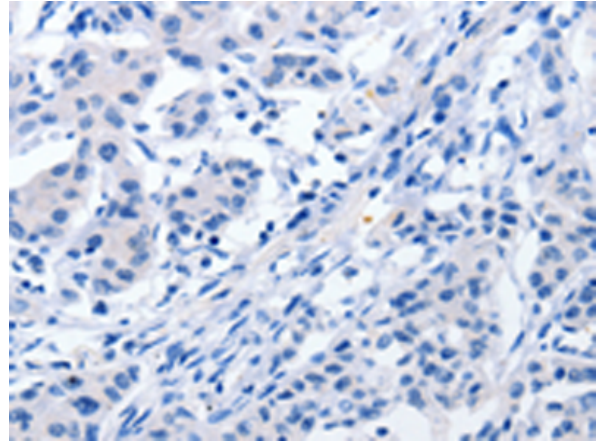
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

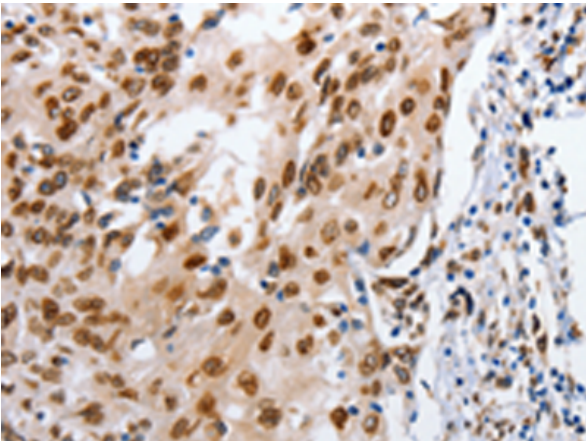
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



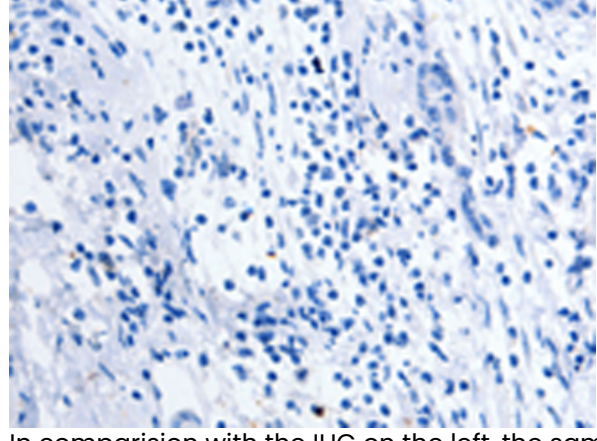
Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 216665(MUTYH Antibody) at a dilution of 1/25(Nucleus).



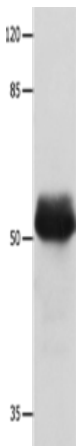
In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 216665(Anti-MUTYH Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 216665(Anti-MUTYH Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D221013(Anti-MUTYH Antibody) at dilution 1/25.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: Hela cells;  
Primary antibody: 216665(MUTYH Antibody) at dilution 1/500;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 minute



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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