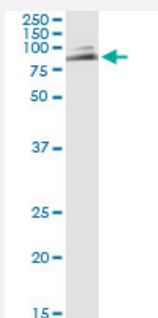


MUTYH (Human) IP-WB Antibody Pair

Catalog # H00004595-PW1

Size 1 Set

Applications



Immunoprecipitation of MUTYH transfected lysate using mouse monoclonal anti-MUTYH and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-MUTYH.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77%); Rat (76%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MUTYH transfected lysate using mouse monoclonal anti-MUTYH and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-MUTYH.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-MUTYH (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-MUTYH (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — MUTYH

Entrez GeneID	4595
Gene Name	MUTYH
Gene Alias	MGC4416, MYH
Gene Description	mutY homolog (E. coli)
Omim ID	132600 137215 604933 608456
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	A/G-specific adenine DNA glycosylase OTTHUMP00000009096 OTTHUMP00000009098 OTTHUMP00000009101 OTTHUMP00000009102 mutY homolog

Pathway

- [Base excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adenomatous Polyposis Coli](#)
- [Adenomatous Polyps](#)
- [Brain Neoplasms](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Graft vs Host Disease](#)
- [Head and Neck Neoplasms](#)
- [Intestinal Polyposis](#)
- [Intestinal Polyps](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Microsatellite Instability](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)

- [Neoplasms](#)
- [Neoplastic Syndromes](#)
- [Neuroma](#)
- [Occupational Diseases](#)
- [Oropharyngeal Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Poisoning](#)
- [Prostatic Neoplasms](#)
- [Syndrome](#)
- [Urinary Bladder Neoplasms](#)