Rabbit anti-Human MUTYH Polyclonal Antibody | anti-MUTYH antibody

MUTYH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303415	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

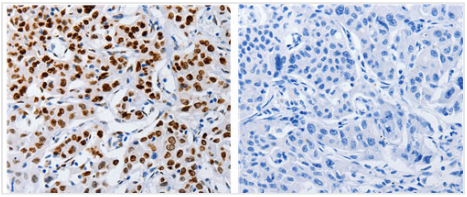
PRODUCT SYNONYMS

MUTYH; Polyclonal Antibody; MUTYH Antibody; mutY homolog (E. coli); MYH; CYP2C; anti-MUTYH antibody

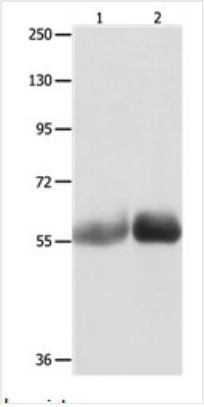
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MUTYH protein.
Form/Format	Supplied at 1.9mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	1844
Applicable Applications for anti-MUTYH antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a C terminal 300 amino acids of human mutY homolog (E. coli)
Target Name	MUTYH
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohiostchemistry)
The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 31101 (MUTYH Antibody) at dilution 1/60, on the right is treated with the fusion protein.



Application Data
Gel: 8%SDS-PAGELane1: Human liver cancer tissue lysateLane2: Human stomach cancer tissue lysateLysates: 40 ug per lanePrimary antibody: 1/1000 dilutionSecondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilutionExposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-MUTYH antibody	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.
Product Categories/Family for anti-MUTYH antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13112008
NCBI GeneID	4595
Molecular Weight	57,446 Da
NCBI Official Full Name	Homo sapiens mutY homolog (E. coli), mRNA
NCBI Official Synonym Full Names	mutY DNA glycosylase
NCBI Official Symbol	MUTYH
NCBI Official Synonym Symbols	MYH
NCBI Protein Information	A/G-specific adenine DNA glycosylase
UniProt Protein Name	A/G-specific adenine DNA glycosylase
UniProt Gene Name	**MUTYH**
UniProt Synonym Gene Names	MYH; hMYH
UniProt Entry Name	MUTYH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/mutyh-antibody-immunohistochemistry-western-blot-elisa/303415