10320 Camino Santa Fe, Suite G
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MUTYH Antibody (aa531-546)

Rabbit Polyclonal Antibody
Catalog # ALS12035

Specification

MUTYH Antibody (aa531-546) - Product Information

Application	**IHC**
Primary Accession	Q9UIF7
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**60kDa KDa**

MUTYH Antibody (aa531-546) - Additional Information

Gene ID 4595

Other Names
A/G-specific adenine DNA glycosylase, 3.2.2.-, MutY homolog, hMYH, MUTYH, MYH

Target/Specificity
A synthetic peptide corresponding to amino acids 531-546 of human MYH.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
MUTYH Antibody (aa531-546) is for research use only and not for use in diagnostic or therapeutic procedures.

MUTYH Antibody (aa531-546) - Protein Information

Name MUTYH

Synonyms MYH

Function
Involved in oxidative DNA damage repair. Initiates repair of A*oxoG to C*G by removing the inappropriately paired adenine base from the DNA backbone. Possesses both adenine and 2-OH-A DNA glycosylase activities.

Cellular Location
Nucleus. Mitochondrion {ECO:0000250|UniProtKB:Q99P21}

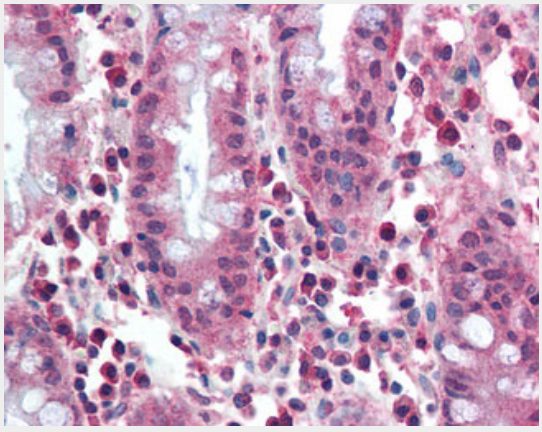
MUTYH Antibody (aa531-546) - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MUTYH Antibody (aa531-546) - Images



Anti-MUTYH antibody IHC of human colon.

MUTYH Antibody (aa531-546) - Background

Involved in oxidative DNA damage repair. Initiates repair of A*oxoG to C*G by removing the inappropriately paired adenine base from the DNA backbone. Possesses both adenine and 2- OH-A DNA glycosylase activities.

MUTYH Antibody (aa531-546) - References

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Ohtsubo T.,et al.Nucleic Acids Res. 28:1355-1364(2000).
Wang W.,et al.Nucleic Acids Res. 39:44-58(2011).
Gregory S.G.,et al.Nature 441:315-321(2006).
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