

MUTYH Antibody

Catalog No: #31101



Package Size: #31101-1 50ul #31101-2 100ul

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Description

Product Name	MUTYH Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	E WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total MUTYH protein.
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
Other Names	mutY homolog (E. coli), MYH, CYP2C
Accession No.	Genbank No.: BC003178
Formulation	Supplied at 1.9mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

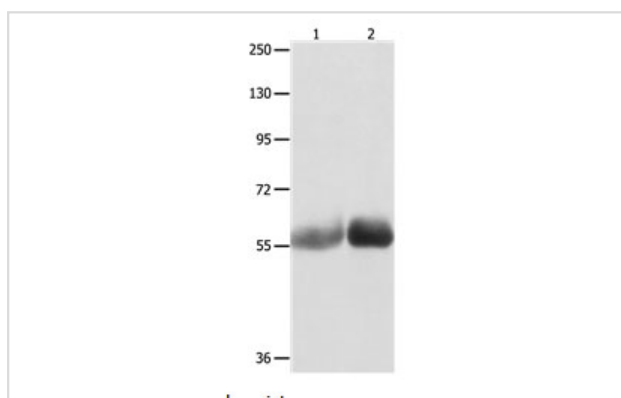
Predicted MW: 60kd

ELISA: 1:2000-1:10000

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

Lane1: Human liver cancer tissue lysate

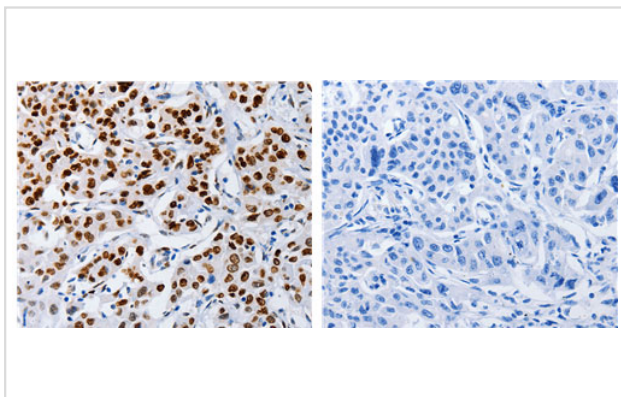
Lane2: Human stomach cancer tissue lysate

Lysates: 40 ug per lane

Primary antibody: 1/1000 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 1 minute



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.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.