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Datasheet for ABIN7235362
anti-MUTYH antibody

3 Images

Overview

Quantity:	200 µL
Target:	MUTYH
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human MUTYH
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MUTYH
Alternative Name:	MUTYH (MUTYH Products)
Background:	<p>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</p>

Target Details

different isoforms have been found for this gene.

Molecular Weight: 60 kDa

UniProt: [Q9UIF7](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.3 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

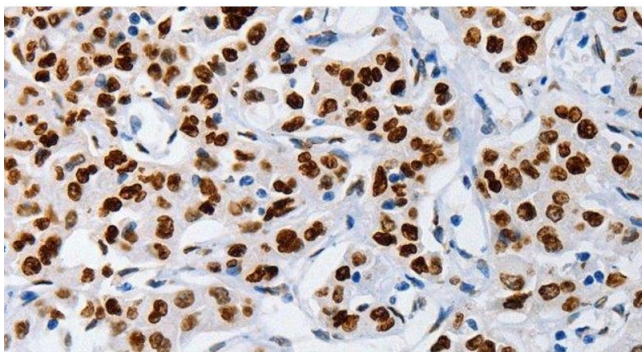
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

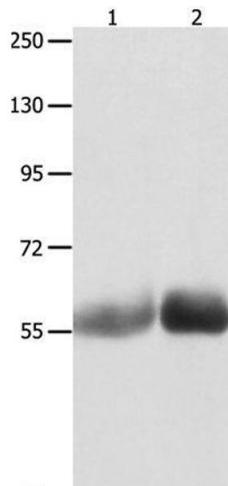
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



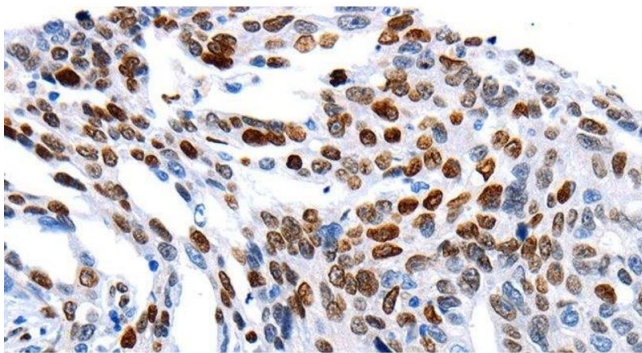
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human lung cancer using MUTYH Polyclonal Antibody at dilution of 1:60



Western Blotting

Image 2. Western Blot analysis of Human liver cancer and stomach cancer tissue using MUTYH Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human ovarian cancer using MUTYH Polyclonal Antibody at dilution of 1:60