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Datasheet for ABIN7299366 anti-MUTYH antibody (Center)

3 Images



Overview

Quantity:	100 µL
Target:	MUTYH
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUTYH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

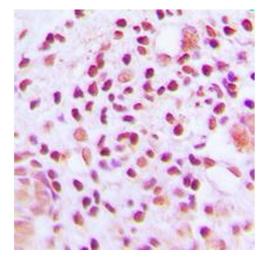
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MUTYH.
Recognizes endogenous levels of MUTYH protein.
Rabbit polyclonal antibody to MUTYH
The antibody was purified by immunogen affinity chromatography.
MUTYH

Alternative Name: MUTYH (MUTYH Products)

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Target Details	
Background:	MYH, A/G-specific adenine DNA glycosylase, MutY homolog, hMYH
Gene ID:	4595, 70603, 170841
UniProt:	Q9UIF7, Q99P21, Q8R5G2
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

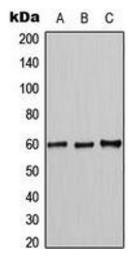
Images

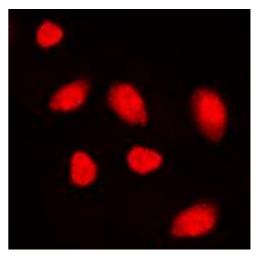


Immunohistochemistry

Image 1. Immunohistochemical analysis of MUTYH staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with

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haematoxylin and mounted with DPX.

Western Blotting

Image 2. Western blot analysis of MUTYH expression in K562 (A), HL60 (B), NIH3T3 (C) whole cell lysates.

Immunofluorescence

Image 3. Immunofluorescent analysis of MUTYH staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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