

Datasheet for ABIN1538472  
**anti-MSH5 antibody (AA 525-552)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	MSH5
Binding Specificity:	AA 525-552
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSH5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MSH5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 525-552 amino acids from the Central region of human MSH5.
Clone:	RB36302
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MSH5
Alternative Name:	MSH5 ( <a href="#">MSH5 Products</a> )
Background:	This gene encodes a member of the mutS family of proteins that are involved in DNA mismatch

## Target Details

repair and meiotic recombination. This protein is similar to a *Saccharomyces cerevisiae* protein that participates in segregation fidelity and crossing-over events during meiosis. This protein plays a role in promoting ionizing radiation-induced apoptosis. This protein forms heterooligomers with another member of this family, mutS homolog 4. Polymorphisms in this gene have been linked to various human diseases, including IgA deficiency, common variable immunodeficiency, and premature ovarian failure. Alternative splicing results multiple transcript variants.

Molecular Weight: 92875

Gene ID: 4439

NCBI Accession: [NP\\_002432](#), [NP\\_079535](#), [NP\\_751897](#), [NP\\_751898](#)

UniProt: [O43196](#)

Pathways: [M Phase](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

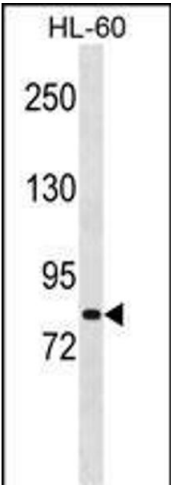
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: MSH5 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

**Image 1.** MSH5 Antibody (Center) (ABIN1538472 and ABIN2848596) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the MSH5 antibody detected the MSH5 protein (arrow).