

## Datasheet for ABIN2776759 anti-MSH6 antibody (N-Term)



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5 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	MSH6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSH6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MSH6
Sequence:	ISDSESDIGG SDVEFKPDTK EEGSSDEISS GVGDSESEGL NSPVKVARKR
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MSH6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	MSH6
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## Target Details

Alternative Name:	MSH6 ( <a href="#">MSH6 Products</a> )
Background:	<p>This gene encodes a protein similar to the MutS protein. In E. coli, the MutS protein helps in the recognition of mismatched nucleotides, prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide bind</p> <p>Alias Symbols: GTBP, HNPCC5, HSAP</p> <p>Protein Interaction Partner: BRCA1, UBC, SUMO2, PCNA, POLK, SAMHD1, GANAB, HYOU1, SUPT5H, XRCC6, ATP6V1B2, UBD, HDAC11, MSH2, CSNK2A1, SUPT16H, MSH3, MLH1, PMS2, RAD9A, RAD1, MUTYH, HUS1, SLX4, CUL3, NEDD8, FBXO25, SIRT7, XRCC5, PRKDC, BLM, TP53, RAD51, PMS1, SMARCA1, CHAF1A, DTL, S</p> <p>Protein Size: 1360</p>
Molecular Weight:	153 kDa
Gene ID:	2956
NCBI Accession:	<a href="#">NM_000179</a> , <a href="#">NP_000170</a>
UniProt:	<a href="#">P52701</a>
Pathways:	<a href="#">DNA Damage Repair</a> , <a href="#">Chromatin Binding</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1360 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

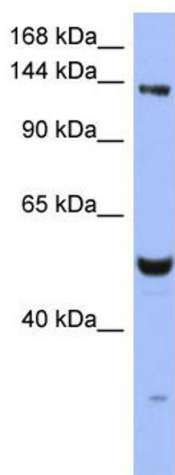
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-MSH6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate



### MSH6 (ARP41348\_P050)

Western Blot

Lane 1: Human B cells (Ramos)

Lane 2: Mouse B cells (CH12)

Lane 3: Chicken B cells (DT40)

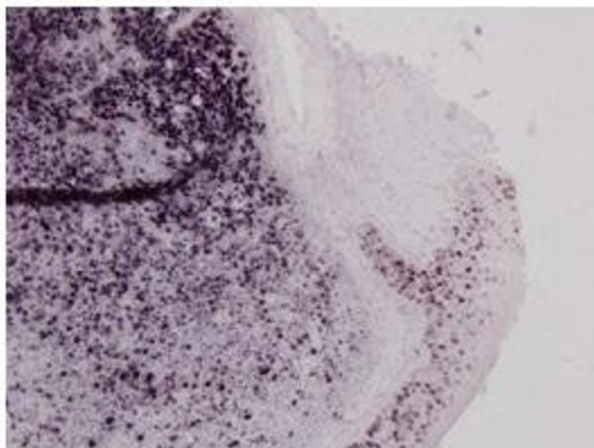
Dilution: 0.8 ug/ml

Application data in forum

Submitted by:  
Javier Di Noia  
Institut de recherches cliniques de Montréal

### Western Blotting

**Image 2.**



#### Immunohistochemistry

**Image 3.** Sample Type: Human Tonsil TissuePrimary  
Dilution: 1ug/mL

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2776759.