# antibodies - online.com







## anti-MSH5 antibody (N-Term)



Image



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Quantity:	100 μL
Target:	MSH5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSH5 antibody is un-conjugated
Application:	Western Blotting (WB)

## **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MSH5
Sequence:	KQRLLSGNYS FIPDAMTATE KILFLSSIIP FDCLLTPPGD LRFTPIPLLI
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against MSH5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## **Target Details**

Target:	MSH5
Alternative Name:	MSH5 (MSH5 Products)

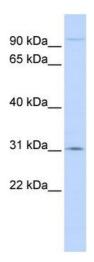
## Target Details

Background:	MSH5 is a member of the mutS family of proteins that are involved in DNA mismatch repair or
	meiotic recombination processes. This protein is similar to a Saccharomyces cerevisiae protein
	that participates in meiotic segregation fidelity and crossing-over. This protein forms
	heterooligomers with another member of this family, mutS homolog 4. This gene encodes a
	member of the mutS family of proteins that are involved in DNA mismatch repair or meiotic
	recombination processes. This protein is similar to a Saccharomyces cerevisiae protein that
	participates in meiotic segregation fidelity and crossing-over. This protein forms
	heterooligomers with another member of this family, mutS homolog 4. Alternative splicing
	results in four transcript variants encoding three different isoforms.
	Alias Symbols: DKFZp434C1615, G7, MGC2939, MutSH5, NG23, MUTSH5
	Protein Interaction Partner: MSH4, GPS2, UBC,
	Protein Size: 851
Molecular Weight:	95 kDa
Gene ID:	4439
NCBI Accession:	NM_025259, NP_079535
UniProt:	Q9UMP2
Pathways:	M Phase
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 851 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.

## **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-MSH5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721\_B cell lysate MSH5 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells