

Rabbit anti-Human, Rat MSH2 Polyclonal Antibody | anti-MSH2 antibody

(KO Validated) MSH2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179332	Rabbit	Human, Rat	Immunoprecipitation, Western Blot

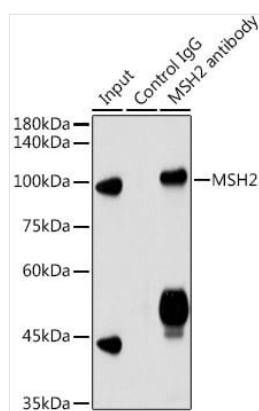
PRODUCT SYNONYMS

MSH2; Polyclonal Antibody; (KO Validated) MSH2 Polyclonal Antibody; COCA1; FCC1; HNPCC; HNPCC1; LCFS2; mutS homolog 2; anti-MSH2 antibody

PRODUCT SPECIFICATIONS

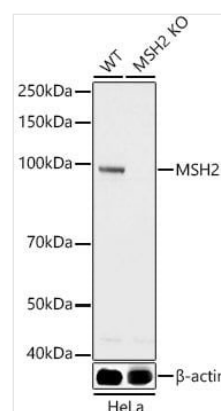
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MSH2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MSH2
Research Area	Cancer, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



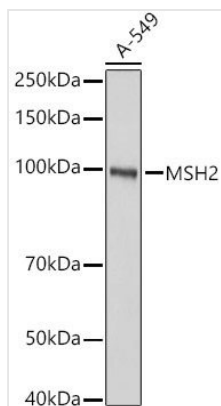
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of HeLa cells using MSH2 Polyclonal Antibody. Western blot was performed from the immunoprecipitate using MSH2 Polyclonal Antibody at a dilution of 1:3000.



WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and MSH2 knockout (KO) HeLa cells using MSH2 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of A-549 using MSH2 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MSH2 antibody	This locus is frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MSH2 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1171032
NCBI GeneID	4436
UniProt Accession #	P43246; O75488; B4E2Z2
Molecular Weight	934
NCBI Official Full Name	DNA mismatch repair protein Msh2
NCBI Official Synonym Full Names	mutS homolog 2
NCBI Official Symbol	MSH2
NCBI Official Synonym Symbols	FCC1; COCA1; HNPCC; LCFS2; HNPCC1
NCBI Protein Information	DNA mismatch repair protein Msh2; hMSH2; mutS homolog 2, colon cancer, nonpolyposis type 1
UniProt Protein Name	DNA mismatch repair protein Msh2
UniProt Gene Name	MSH2
UniProt Synonym Gene Names	hMSH2
UniProt Entry Name	MSH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/msh2-antibody-immunoprecipitation-western-blot-elisa/179332>