

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

[KO Validated] MSH2 Rabbit pAb

CATALOG # AAA282226	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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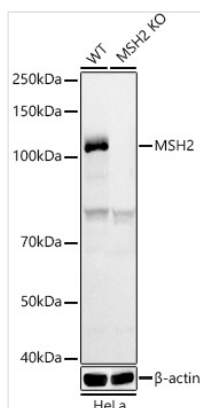
PRODUCT SYNONYMS

MSH2; Polyclonal Antibody; [KO Validated] MSH2 Rabbit pAb; COCA1; FCC1; HNPCC; HNPCC1; LCFS2; mutS homolog 2; anti-MSH2 antibody

PRODUCT SPECIFICATIONS

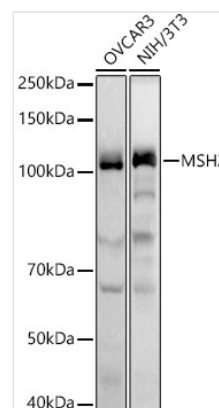
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-MSH2 antibody	WB (Western Blot)
Positive Samples	HeLa, OVCAR3, NIH/3T3
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 330-583 of human MSH2 (NP_000242.1).
Cellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and MSH2 knockout (KO) HeLa cells, using MSH2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MSH2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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	Epigenetics & Nuclear Signaling; DNA Damage & Repair; Cancer; Tumor suppressors; Cell Biology & Developmental Biology; Apoptosis; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1002236086
NCBI GeneID	4323938
NCBI Accession #	XP_015622237.1
NCBI GenBank Nucleotide #	XM_015766751.1
UniProt Accession #	Q8LHH9; Q0JM85
Molecular Weight	136,534 Da
NCBI Official Full Name	probable RNA-dependent RNA polymerase SHL2
NCBI Official Symbol	LOC4323938
NCBI Official Synonym Symbols	SHL2; SHOOTLESS2
NCBI Protein Information	probable RNA-dependent RNA polymerase SHL2
UniProt Protein Name	Probable RNA-dependent RNA polymerase SHL2
UniProt Gene Name	SHL2

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://stage.aaabiotech.com/polyclonal/msh2-antibody-western-blot-elisa/282226>