

Rabbit anti-Human MSH3 Polyclonal Antibody | anti-MSH3 antibody

Rabbit anti-MSH3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213208	Rabbit	Human	Immunoprecipitation, Western Blot

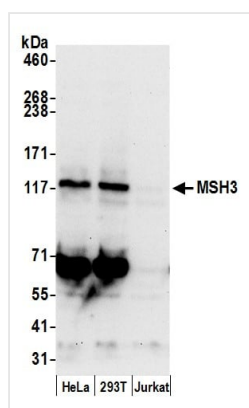
PRODUCT SYNONYMS

MSH3; Polyclonal Antibody; Rabbit anti-MSH3 Antibody; Affinity Purified; MRP1; mismatch repair protein 1; FAP4; hMSH3; DUP; divergent upstream protein; DNA mismatch repair protein Msh3; epididymis secretory sperm binding protein; mutS homolog 3; anti-MSH3 antibody

PRODUCT SPECIFICATIONS

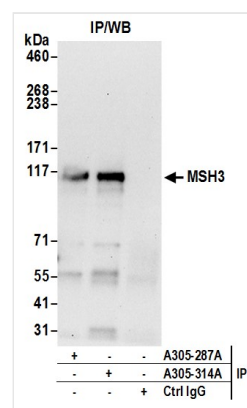
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MSH3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1087 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MSH3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MSH3 antibody AAA213208 (lot AAA213208-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human MSH3 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MSH3 antibody AAA213208 (lot AAA213208-1) used for IP at 6 ug per reaction. MSH3 was also immunoprecipitated by rabbit anti-MSH3 antibody For blotting immunoprecipitated MSH3, AAA213208 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-MSH3 antibody	MSH3 forms a heterodimer with MSH2 to form MutS beta, part of the post-replicative DNA mismatch repair system. MutS beta initiates mismatch repair by binding to a mismatch and then forming a complex with MutL alpha heterodimer [taken from NCBI Entrez Gene (Gene ID: 4437)].
Product Categories/Family for anti-MSH3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	284813531
NCBI GeneID	4437
NCBI Accession #	NP_002430.3
NCBI GenBank Nucleotide #	NM_002439.4
UniProt Accession #	P20585; Q6PJT5; Q86UQ6; Q92867; A1L482; A6NMM6
Molecular Weight	127,412 Da
NCBI Official Full Name	DNA mismatch repair protein Msh3
NCBI Official Synonym Full Names	mutS homolog 3 (E. coli)
NCBI Official Symbol	MSH3
NCBI Official Synonym Symbols	DUP; MRP1
NCBI Protein Information	DNA mismatch repair protein Msh3; hMSH3; mismatch repair protein 1; divergent upstream protein
UniProt Protein Name	DNA mismatch repair protein Msh3
UniProt Gene Name	MSH3
UniProt Synonym Gene Names	DUC1; DUG; hMSH3; DUP; MRP1
UniProt Entry Name	MSH3_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://stage.aaabiotech.com/polyclonal/msh3-antibody-immunoprecipitation-western-blot-elisa/213208>