

Rabbit anti-Human Methylated-DNA--protein-cysteine methyltransferase Polyclonal Antibody | anti-MGMT antibody

Rabbit anti-human Methylated-DNA--protein-cysteine methyltransferase polyclonal Antibody

CATALOG # AAA229981	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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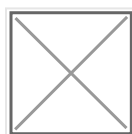
PRODUCT SYNONYMS

Methylated-DNA--protein-cysteine methyltransferase; Polyclonal Antibody; Rabbit anti-human Methylated-DNA--protein-cysteine methyltransferase polyclonal Antibody; MGMT; anti-MGMT antibody

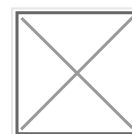
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	207
Applicable Applications for anti-MGMT antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Methylated-DNA--protein-cysteine methyltransferase
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8825 / sc-8824 / sc-8826 / sc-28241
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA229981 at dilution of 1:20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney using AAA229981 at dilution of 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-MGMT antibody	Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	530394832
NCBI GeneID	4255
NCBI Accession #	XP_005252739.1
NCBI GenBank Nucleotide #	XP_005252739.1
UniProt Accession #	P16455; Q5VY78
Molecular Weight	21,646 Da
NCBI Official Full Name	methylated-DNA--protein-cysteine methyltransferase isoform X2
NCBI Official Synonym Full Names	O-6-methylguanine-DNA methyltransferase
NCBI Official Symbol	MGMT
NCBI Protein Information	methylated-DNA--protein-cysteine methyltransferase
UniProt Protein Name	Methylated-DNA--protein-cysteine methyltransferase
UniProt Gene Name	MGMT
UniProt Synonym Gene Names	MGMT
UniProt Entry Name	MGMT_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/methylated-dna-protein-cysteine-methyltransferase-antibody-immunohistochemistry-elisa/229981>