

Rabbit anti-Human MBD3 Polyclonal Antibody | anti-MBD3 antibody

Rabbit anti-MBD3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211911	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MBD3; Polyclonal Antibody; Rabbit anti-MBD3 Antibody; Affinity Purified; methyl-CpG-binding domain protein 3; Methyl-CpG-binding protein MBD3; Methyl-CpG-binding domain protein 3; methyl-CpG binding domain protein 3; anti-MBD3 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-MBD3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 241 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



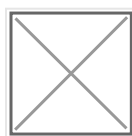
WB (Western Blot)

Detection of human MBD3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MBD3 antibody AAA211911 (lot AAA211911-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human MBD3 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-MBD3 antibody AAA211911 (lot AAA211911-2) used for IP at 6 ug per reaction. MBD3 was also immunoprecipitated by rabbit anti-MBD3 antibody BL6258. For blotting immunoprecipitated MBD3, AAA211911 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human MBD3 by immunohistochemistry. Samples: FFPE serial sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-MBD3 (Cat. No. AAA211911 Lot1, left image and Cat. No. AAA211911 Lot2, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-MBD3 antibody	Methyl-CpG binding domain protein 3 (MBD3) is a subunit of the NuRD complex and plays a role in recruiting histone deacetylases and DNA methyltransferases to DNA for transcriptional repression.
Product Categories/Family for anti-MBD3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505119
NCBI GeneID	53615
NCBI Accession #	NP_003917.1
NCBI GenBank Nucleotide #	NM_003926.5
UniProt Accession #	O95983; Q6PIL9; Q6PJZ9; Q86XF4; A8K4B7; D6W5Z2
Molecular Weight	32,844 Da
NCBI Official Full Name	methyl-CpG-binding domain protein 3
NCBI Official Synonym Full Names	methyl-CpG binding domain protein 3
NCBI Official Symbol	MBD3
NCBI Protein Information	methyl-CpG-binding domain protein 3
UniProt Protein Name	Methyl-CpG-binding domain protein 3
UniProt Gene Name	MBD3
UniProt Entry Name	MBD3_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/mbd3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211911>