

Rabbit anti-Human, Mouse MBD2 Polyclonal Antibody | anti-MBD2 antibody

Rabbit anti-MBD2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211561	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

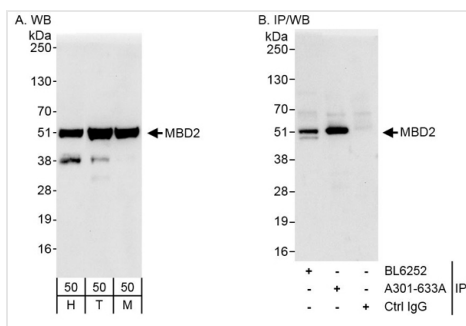
PRODUCT SYNONYMS

MBD2; Polyclonal Antibody; Rabbit anti-MBD2 Antibody; Affinity Purified; methyl-CpG-binding domain protein 2; Methyl-CpG-binding protein MBD2; DMTase; demethylase; NY-CO-41; Methyl-CpG-binding domain protein 2; methyl-CpG binding domain protein 2; anti-MBD2 antibody

PRODUCT SPECIFICATIONS

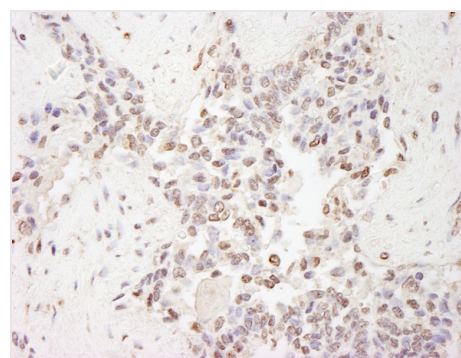
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-MBD2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 361 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 and mouse MBD2 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (H; 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-MBD2 antibody AAA211561 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. MBD2 was also immunoprecipitated by rabbit anti-MBD2 antibody BL6252, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human MBD2 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-MBD2 (Cat. No. AAA211561 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MBD2 antibody	MBD2 (methyl-CpG-binding domain protein 2) binds methylated CpG sites and represses gene transcription. DNA methylation is a common mechanism of gene silencing and is central to the developmental process. Methyl-CpG binding proteins (MBPs) have a high affinity for methylated DNA and are proposed to mediate gene silencing via the recruitment of histone deacetylases and other transcriptional repressors to chromatin.
Product Categories/Family for anti-MBD2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505117
NCBI GeneID	8932
NCBI Accession #	NP_003918.1
NCBI GenBank Nucleotide #	NM_003927.4
UniProt Accession #	Q9UBB5; O95242; Q9UIS8
Molecular Weight	31,745 Da
NCBI Official Full Name	methyl-CpG-binding domain protein 2 isoform 1
NCBI Official Synonym Full Names	methyl-CpG binding domain protein 2
NCBI Official Symbol	MBD2
NCBI Official Synonym Symbols	DMTase; NY-CO-41
NCBI Protein Information	methyl-CpG-binding domain protein 2
UniProt Protein Name	Methyl-CpG-binding domain protein 2
UniProt Gene Name	MBD2
UniProt Synonym Gene Names	DMTase
UniProt Entry Name	MBD2_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/mbd2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211561>