

Rabbit MBD1 Polyclonal Antibody | anti-MBD1 antibody

MBD1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197432	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat	Immunohistochemistry, Western Blot

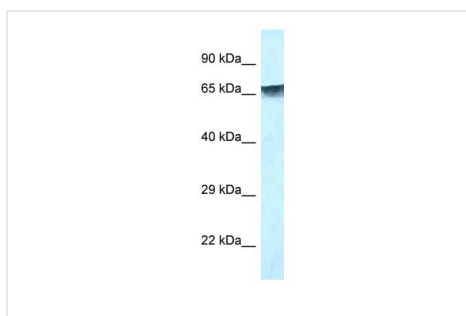
PRODUCT SYNONYMS

MBD1; Polyclonal Antibody; MBD1 antibody - C-terminal region; anti-MBD1 antibody

PRODUCT SPECIFICATIONS

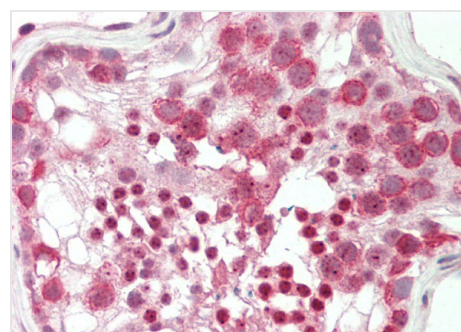
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EE DKEENKDDSA SKLAPEEEAG GAGTPVITEI FSLGGTRFRD TAVWLPRS
Sequence Length	629
Applicable Applications for anti-MBD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



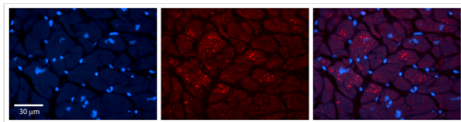
WB (Western Blot)

WB Suggested Anti-MBD1 Antibody Titration: 1.0 ug/ml
Positive Control: 293T Whole Cell
IMBD1 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



IHC (Immunohistochemistry)

Rabbit Anti-MBD1 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-MBD1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MBD1 antibody	This is a rabbit polyclonal antibody against MBD1. It was validated on Western Blot Target Description: The protein encoded by this gene is a member of a family of nuclear proteins related by the presence of a methyl-CpG binding domain (MBD). These proteins are capable of binding specifically to methylated DNA, and some members can also repress transcription from methylated gene promoters. This protein contains multiple domains: MBD at the N-terminus that functions both in binding to methylated DNA and in protein interactions; several CXXC-type zinc finger domains that mediate binding to non-methylated CpG dinucleotides; transcriptional repression domain (TRD) at the C-terminus that is involved in transcription repression and in protein interactions. Numerous alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Product Categories/Family for anti-MBD1 antibody	Polyclonal; Transcription Factor; Cancer; Transcription Regulation; Cell Biology; Developmental Biology; Signal Transduction; Various; E3 & Ubiquitin; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	323462151
NCBI GeneID	4152
NCBI Accession #	NP_001191067
NCBI GenBank Nucleotide #	NM_001204138
UniProt Accession #	Q9UIS9
Molecular Weight	69kDa
NCBI Official Full Name	methyl-CpG-binding domain protein 1 isoform 8
NCBI Official Synonym Full Names	methyl-CpG binding domain protein 1
NCBI Official Symbol	MBD1
NCBI Official Synonym Symbols	RFT; PCM1; CXXC3
NCBI Protein Information	methyl-CpG-binding domain protein 1
UniProt Protein Name	Methyl-CpG-binding domain protein 1
UniProt Gene Name	MBD1
UniProt Synonym Gene Names	CXXC3; PCM1
UniProt Entry Name	MBD1_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.