

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

MBD3 Antibody

CATALOG # AAA232580	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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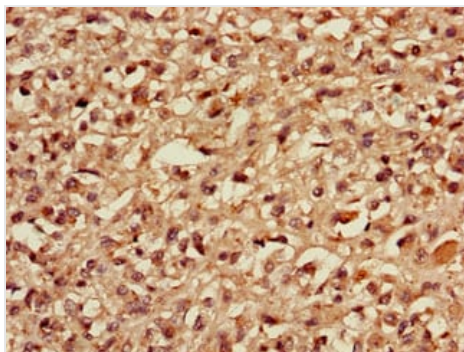
PRODUCT SYNONYMS

MBD3; Polyclonal Antibody; MBD3 Antibody; Methyl-CpG-binding domain protein 3; Methyl-CpG-binding protein MBD3; anti-MBD3 antibody

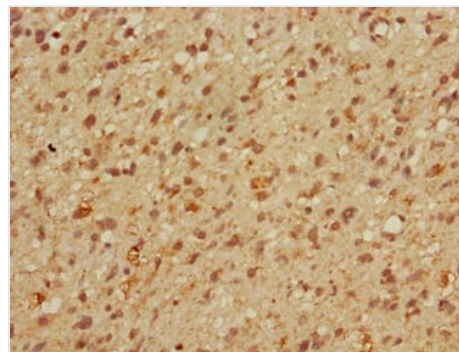
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	291
Applicable Applications for anti-MBD3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Methyl-CpG-binding domain protein 3 protein (79-209AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28743 / sc-9400 / sc-9402
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

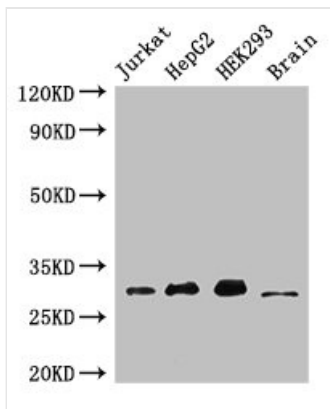
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA232580 at dilution of 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA232580 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Jurkat whole cell lysate, HepG2 whole cell lysate, HEK293 whole cell lysate, Mouse brain tissue. All lanes: MBD3 antibody at 3 µg/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 33,30 kDa. Observed band size: 33 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MBD3 antibody	Acts as transcriptional repressor and plays a role in gene silencing. Does not bind to DNA by itself (PubMed: 12124384). Binds to DNA with a preference for sites containing methylated CpG dinucleotides (in vitro). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (PubMed: 24307175). Recruits histone deacetylases and DNA methyltransferases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	527498244
NCBI GeneID	53615
NCBI Accession #	NP_001268382.1
NCBI GenBank Nucleotide #	NM_001281453.1
UniProt Accession #	O95983; Q6PIL9; Q6PJZ9; Q86XF4; A8K4B7; D6W5Z2
Molecular Weight	29,014 Da
NCBI Official Full Name	methyl-CpG-binding domain protein 3 isoform 1
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-western-blot-elisa/232580>