

Rabbit anti-Human MBD3L1 Polyclonal Antibody | anti-MBD3L1 antibody

Anti-MBD3L1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254613	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

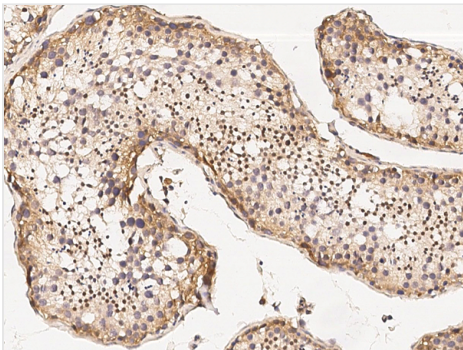
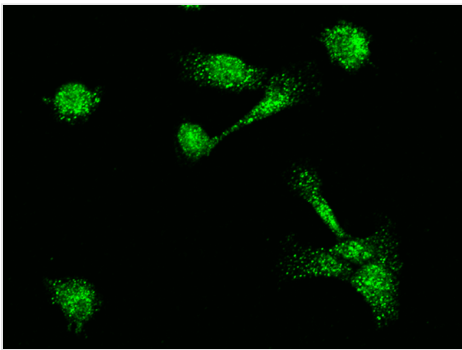
PRODUCT SYNONYMS

MBD3L1; Polyclonal Antibody; Anti-MBD3L1 Antibody; Rabbit Polyclonal; MBD3L1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-MBD3L Antibody; anti-MBD3L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MBD3L1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MBD3L1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human MBD3L1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human MBD3L1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of MBD3L1 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human MBD3L1 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.

IHC (Immunohistochemistry)
Immunochemical staining of human MBD3L1 in human testis with rabbit polyclonal antibody (1:300, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-MBD3L1 antibody

Methyl-CpG-binding protein 3-like 1 (MBD3L1) is a protein with substantial homology to MBD2 and MBD3, but it lacks the methyl-CpG binding domain. Expression of MBD3L2 was found in germ cell tumors and some somatic tissues. The MBD3L1 gene is expressed specifically in testis. During spermatogenesis, expression of MBD3L1 is observed only in round spermatids, suggesting a role for the gene product in the postmeiotic stages of male germ cell development. The MBD3L1 protein is localized to discrete areas in the nucleus and contains an N-terminal transcriptional repression domain.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226502212
NCBI GeneID	85509
NCBI Accession #	NP_660209.2
NCBI GenBank Nucleotide #	NM_145208.2
UniProt Accession #	Q8WWY6; Q2M291; B5BUM6
Molecular Weight	21,616 Da
NCBI Official Full Name	methyl-CpG-binding domain protein 3-like 1
NCBI Official Synonym Full Names	methyl-CpG binding domain protein 3-like 1
NCBI Official Symbol	MBD3L1
NCBI Official Synonym Symbols	MBD3L
NCBI Protein Information	methyl-CpG-binding domain protein 3-like 1; MBD3-like protein 1
UniProt Protein Name	Methyl-CpG-binding domain protein 3-like 1
UniProt Gene Name	MBD3L1
UniProt Synonym Gene Names	MBD3L; MBD3-like protein 1
UniProt Entry Name	MB3L1_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.

