

Product Name: MBD1 Rabbit Monoclonal Antibody
Catalog #: AMRe87293



Summary

Production Name	MBD1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	MBD1
Alternative Names	RFT; PCM1; CXXC3
Gene ID	4152
SwissProt ID	Q9UIS9.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200
Molecular Weight	Calculated MW:67 kDa; Observed MW:67 kDa

Background

The protein encoded by this gene is a member of a family of nuclear proteins related by the presence of a methyl-CpG

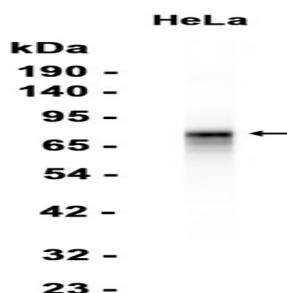
Product Name: MBD1 Rabbit Monoclonal Antibody
Catalog #: AMRe87293



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.[provided by RefSeq, Feb 2011]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using AMRe87293 at 1:1000.

Note

For research use only.