

Datasheet for ABIN7091410
anti-MBD2 antibody (AA 10-228)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MBD2
Binding Specificity:	AA 10-228
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MBD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant human MBD2 between 10-228 amino acids.
Clone:	G7R2
Predicted Reactivity:	Human

Target Details

Target:	MBD2
Alternative Name:	MBD2 (MBD2 Products)
Background:	Synonyms: Demethylase, DMTase, MBD 2, MBD2_HUMAN, MBD2a, Methyl CpG binding domain protein 2, Methyl CpG binding protein MBD2, Methyl-CpG-binding domain protein 2, Methyl-CpG-binding protein MBD2, NY CO 41. Background: Binds CpG islands in promoters where the DNA is methylated at position 5 of

Target Details

cytosine within CpG dinucleotides. Binds hemimethylated DNA as well. Recruits histone deacetylases and DNA methyltransferases. Acts as transcriptional repressor and plays a role in gene silencing. Functions as a scaffold protein, targeting GATAD2A and GATAD2B to chromatin to promote repression. May enhance the activation of some unmethylated cAMP-responsive promoters.

Gene ID:	8932
UniProt:	Q9UBB5
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months