

Product Datasheet

MBD2 Antibody



Catalog No: CY9535

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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Information

UniProt ID: Q9UBB5

All Names: Demethylase; DMTase; Mbd2; MBD2a;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 43/32/29KDa

Application

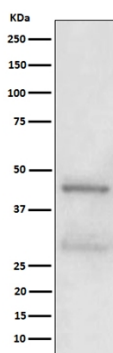
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

Binds CpG islands in promoters where the DNA is methylated at position 5 of 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.



Western blot analysis of MBD2 expression in A431 cell lysate.

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