



MBD2 Antibody

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| Product Code | CSB-PA013531GA01HU |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | Q9UBB5 |
| Immunogen | Human MBD2 |
| Raised In | Rabbit |
| Species Reactivity | Human |
| Tested Applications | ELISA, WB |
| Storage Buffer | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles. |
| Purification Method | Antigen Affinity purified |
| Isotype | IgG |
| Alias | methyl-CpG binding domain protein 2; MBD2; DKFZp586O0821; DMTase; NY-CO-41 ; |
| Product Type | Purified Rabbit Anti Human PolyClonal Antibody |
| Immunogen Species | Homo sapiens (Human) |
| Target Names | MBD2 |
| Target Details | DNA methylation is the major modification of eukaryotic genomes and plays an essential role in mammalian development. Human proteins MECP2, MBD1, MBD2, MBD3, and MBD4 comprise a family of nuclear proteins related by the presence in each of a methyl-CpG binding domain (MBD). Each of these proteins, with the exception of MBD3, is capable of binding specifically to methylated DNA. MECP2, MBD1 and MBD2 can also repress transcription from methylated gene promoters. This protein may function as a mediator of the biological consequences of the methylation signal. It is also reported that the this protein functions as a demethylase to activate transcription, as DNA methylation causes gene silencing. |