ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-MBD2 (isoform 1) Antibody

Item Number	dAP-0986
Target Molecule	Principle Name: MBD2 (isoform 1); Official Symbol: MBD2; All Names and Symbols: MBD2; methyl-CpG binding domain protein 2 ; DKFZp586O0821; DMTase; NY-CO-41; Accession Number (s): NP_003918.1; Human Gene ID(s): 8932; Non-Human GeneID(s): 17191 (mouse)
Immunogen	RNDPLNQNKGKPDLN, is from internal region This antibody is expected to resognize isoform 1 (NP_003918.1) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 48-50kDa band observed in lysates of cell line Jurkat (calculated MW of 43.3kDa according to NP_003918.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Tan et al, Mol Cell Bio
IHC	Immunohistochemistry: In paraffin embedded Human Colon shows nuclear stianing of enterocytes. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Auriol E, Billard LM, Magdinier F, Dante R. Specific binding of the methyl binding domain protein 2 at the BRCA1-NBR2 locus. Nucleic Acids Res. 2005 Jul 28;33(13):4243-54. Print 2005. .PMID: 16052033 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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