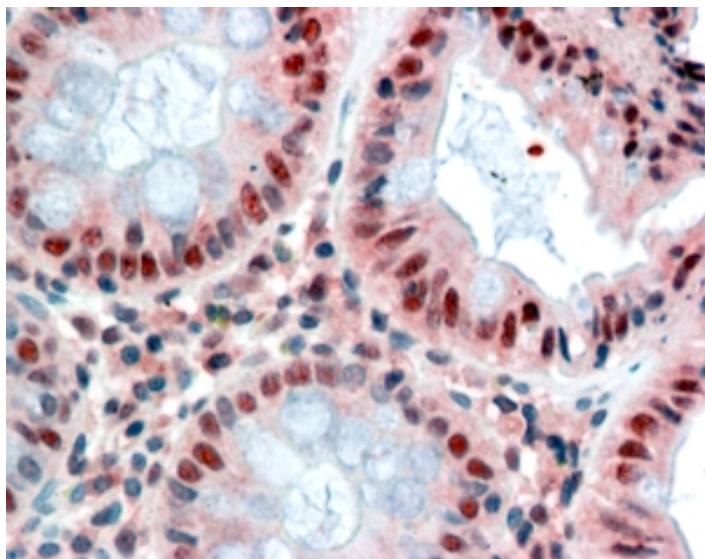


# GOAT ANTI-MBD2 (ISOFORM 1) ANTIBODY

**SKU:** EB07538



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	NY-CO-41 DMTase DKFZp586O0821 methyl-CpG binding domain protein 2 MBD2
<b>Accession ID</b>	NP_003918.1
<b>Blocking Peptide</b>	EBP07538
<b>Immunogen</b>	Peptide with sequence C-RNDPLNQNGKPDNLN, from the internal region of the protein sequence according to NP_003918.1.
<b>Product Comments</b>	This antibody is expected to recognize isoform 1 (NP_003918.1) only.
<b>Peptide Sequence</b>	C-RNDPLNQNGKPDNLN
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	8932
<b>Mouse Gene ID</b>	17191
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Colon, Adrenal Gland and Skin. Recommended concentration: 2.5µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:64000.
<b>Western Blot</b>	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 Biol. 2006 Oct;26(19):7224-35.; PMID: 16980624). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Human: 33283408 and 20523938.
<b>Application Type</b>	Pep-ELISA, WB, IHC

## SELECTED REFERENCES

[{"pmid": 33283408, "intro": "**This antibody has been successfully used in WB on Human:**", "title": "Cross-linking mass spectrometry reveals the structural topology of peripheral NuRD subunits relative to the core complex", "author": "Cornelia G. Spruijt et al.", "journal": "FEBS Journal (2021) Volume288, Issue10 May 2021, Pages 3231-3245. doi:10.1111/febs.15650"}, {"pmid": 20523938, "intro": "**This antibody has been successfully used in WB on Human:**", "title": "CDK2AP1/DOC-1 is a bona fide subunit of the Mi-2/NuRD complex.", "author": "Spruijt CG, Bartels SJ, Brinkman AB, Tjeertes JV, Poser I, Stunnenberg HG, Vermeulen M.", "journal": "Mol Biosyst. 2010 Sep;6(9):1700-6."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

