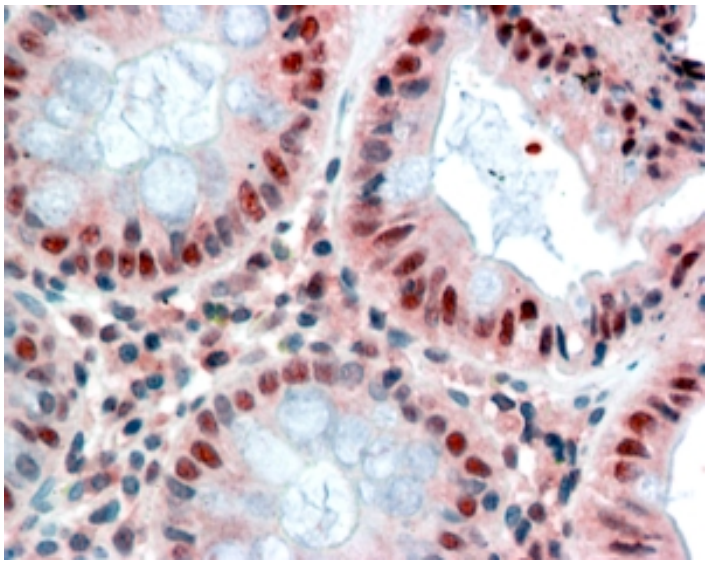
www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-MBD2 (ISOFORM 1) ANTIBODY

SKU: EB07538



SPECIFICATIONS

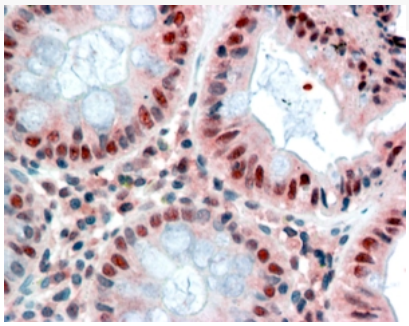
Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	NY-CO-41|DMTase|DKFZp586O0821|methyl-CpG binding domain protein 2|MBD2
Accession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

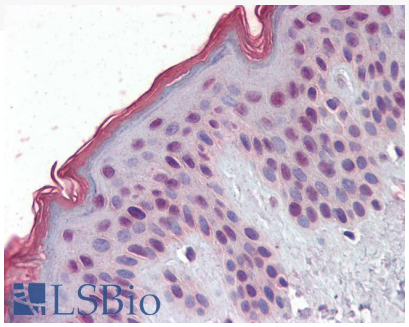
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Human
Human Gene ID	8932
Mouse Gene ID	17191
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Colon, Adrenal Gland and Skin. Recommended concentration: 2.5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
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 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.
Application Type	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."}]

GALLERY IMAGES

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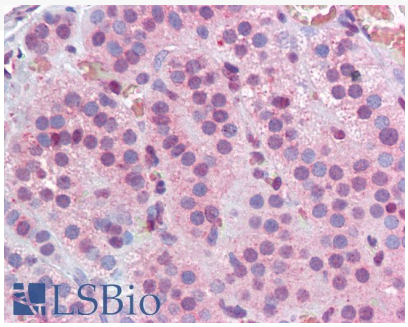
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