

DBP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DBP.

Catalog # AT1712a

Product Information

Application	WB, E
Primary Accession	Q10586
Other Accession	NM_001352
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3A6
Calculated MW	34349

Additional Information

Gene ID	1628
Other Names	D site-binding protein, Albumin D box-binding protein, Albumin D-element-binding protein, Tax-responsive enhancer element-binding protein 302, TaxREB302, DBP
Target/Specificity	DBP (NP_001343, 226 a.a. ~ 325 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	DBP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

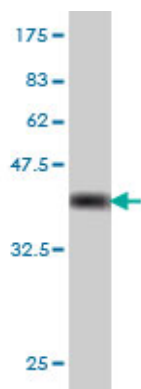
DBP is a member of the PAR bZIP (proline and acidic amino acid-rich basic leucine zipper) transcription factor family (Khatib et al., 1994 [PubMed 7835883]).

References

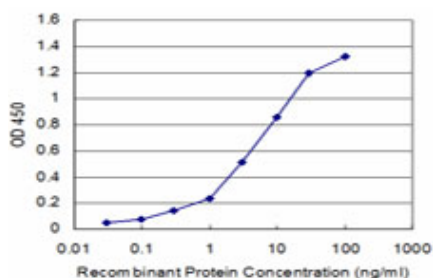
Systematic analysis of circadian genes in a population-based sample reveals association of TIMELESS with depression and sleep disturbance. Utge SJ, et al. PLoS One, 2010 Feb 18. PMID 20174623. Differential association of circadian genes with mood disorders: CRY1 and NPAS2 are associated with unipolar major

depression and CLOCK and VIP with bipolar disorder. Soria V, et al. Neuropsychopharmacology, 2010 May. PMID 20072116. Polymorphisms in vitamin D metabolism related genes and risk of multiple sclerosis. Simon KC, et al. Mult Scler, 2010 Feb. PMID 20007432. Association study of 21 circadian genes with bipolar I disorder, schizoaffective disorder, and schizophrenia. Mansour HA, et al. Bipolar Disord, 2009 Nov. PMID 19839995. PER2 variation is associated with depression vulnerability. Lavebratt C, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Mar 5. PMID 19693801.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged DBP is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.