Anti-DBP (aa 226-325) polyclonal antibody (DPAB-DC711)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the PAR bZIP transcription factor family and binds to specific sequences in the promoters of several genes, such as albumin, CYP2A4, and CYP2A5. The encoded protein can bind DNA as a homo- or heterodimer and is involved in the regulation of some circadian rhythym genes.
Immunogen	DBP (NP_001343, 226 a.a. ~ 325 a.a) partial recombinant protein with GST tag. The sequence is RRHRFSEEELKPQPIMKKARKIQVPEEQKDEKYWSRRYKNNEAAKRSRDARRLKENQISV RAAFLEKENALLRQEVVAVRQELSHYRAVLSRYQAQHGAL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DBP D site of albumin promoter (albumin D-box) binding protein [Homo sapiens (human)]

Official Symbol	DBP
Synonyms	DBP; D site of albumin promoter (albumin D-box) binding protein; DABP; D site-binding protein; taxREB302; albumin D box-binding protein; albumin D-element-binding protein; tax-responsive enhancer element-binding protein 302;
Entrez Gene ID	1628
Protein Refseq	NP_001343
UniProt ID	Q10586
Chromosome Location	19q13.3
Pathway	BMAL1:CLOCK,NPAS2 activates circadian gene expression;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II regulatory region sequence-specific DNA binding;