

Recombinant Human DBP 293 Cell Lysate

Cat. No. DBP-7062HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for D site of albumin promoter (albumin D-box) binding protein (DBP) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

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

Official Symbol

DBP

Synonyms

DBP; D site of albumin promoter (albumin D-box) binding protein; D site-binding protein; DABP; taxREB302; albumin D box-binding protein; albumin D-element-binding protein; tax-responsive enhancer element-binding protein 302;

Gene ID

1628

mRNA Refseq

NM_001352

Protein Refseq

NP_001343

MIM

124097

UniProt ID

Q10586

**Chromosome
Location**

19

Pathway

BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem;
Circadian Clock, organism-specific biosystem;

Function

RNA polymerase II core promoter proximal region sequence-specific DNA binding

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transcription factor activity involved in positive regulation of transcription; RNA polymerase II regulatory region sequence-specific DNA binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;