



Datasheet for ABIN2787481  
**anti-DBP antibody (C-Term)**



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DBP
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Sheep, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DBP
Sequence:	FSEELKPQP IMKKARKIQV PEEQKDEKYW SRRYKNNEAA KRSRDARRLK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 90%, Rat: 100%, Sheep: 100%, Zebrafish: 80%
Characteristics:	This is a rabbit polyclonal antibody against DBP. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DBP
Alternative Name:	DBP ( <a href="#">DBP Products</a> )

## Target Details

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Background:	<p>DBP is a member of the PAR bZIP (proline and acidic amino acid-rich basic leucine zipper) transcription factor family. It is transcriptional activator that recognizes and binds to the sequence 5'-RTTAYGTAAY-3' found in the promoter of genes such as albumin, CYP2A4 and CYP2A5. The protein is not essential for circadian rhythm generation, but modulates important clock output genes.</p> <p>Alias Symbols: DABP</p> <p>Protein Interaction Partner: BATF2, BATF3, BATF, EPAS1, DDIT3, CEBPG, CEBPA, ATF3, HLF, EP300, TEF,</p> <p>Protein Size: 325</p>
Molecular Weight:	34 kDa
Gene ID:	1628
NCBI Accession:	<a href="#">NM_001352</a> , <a href="#">NP_001343</a>
UniProt:	<a href="#">Q10586</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 325 AA
Restrictions:	For Research Use only

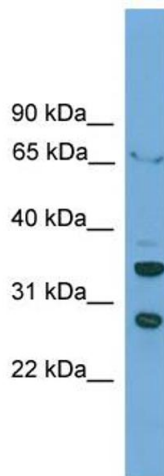
## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images

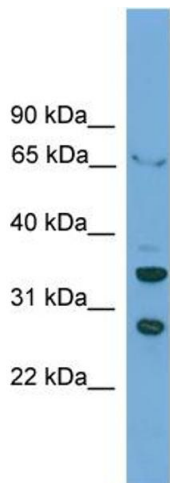


Western Blotting

**Image 1. WB Suggested Anti-DBP Antibody Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** HepG2 cell lysate



Rabbit Anti-DBP Antibody  
Catalog Number: ARP57959  
Lot Number: QC23955  
Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting

**Image 2. WB Suggested Anti-DBP**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: HepG2 cell lysate