

DBP antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14231**Specification**

DBP antibody - middle region - Product Information

Application	WB
Primary Accession	Q10586
Other Accession	NM_001352 , NP_001343
Reactivity	Human, Mouse, Rat, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Sheep, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34kDa kDa

DBP antibody - middle region - Additional Information**Gene ID 1628**Alias Symbol **DABP****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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-DBP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

DBP antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

DBP antibody - middle region - Protein Information**Name DBP****Function**

This transcriptional activator recognizes and binds to the sequence 5'-RTTAYGTAA-3' found in the promoter of genes such as albumin, CYP2A4 and CYP2A5. It is not essential for circadian rhythm generation, but modulates important clock output genes. May be a direct target for regulation by the circadian pacemaker component clock. May affect circadian period and sleep regulation.

Cellular Location

Nucleus.

Tissue Location

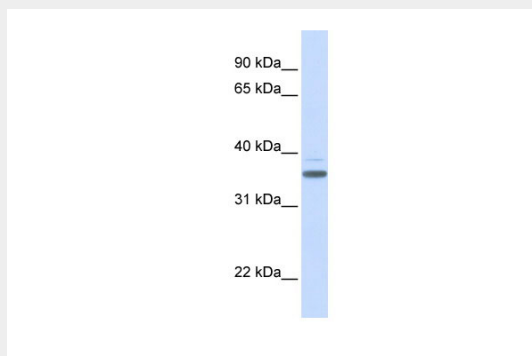
Ubiquitously expressed. Expressed in the suprachiasmatic nuclei (SCN) and in most peripheral tissues, with a strong circadian rhythmicity

DBP antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DBP antibody - middle region - Images



WB Suggested Anti-DBP Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Human heart

DBP antibody - middle region - References

Khatib Z.A., et al. Genomics 23:344-351(1994).

Shutler G., et al. Genomics 34:334-339(1996).

Yu W., et al. Genome Res. 7:353-358(1997).

Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.