



Product Specification Sheet

TATA Box binding protein (TBP) Antibody

Cat# TATAB11-A Rabbit anti-Mouse TATA box binding protein (TBP) antibody, affinity purified **SIZE:** 100 ug

The TATA box binding protein (TBP) is a transcription factor that binds to a DNA sequence called the TATA box. The DNA sequence is found 30 base pairs upstream of the transcription start site in gene promoters. TBP binds to DNA in a sequence specific manner and helps position RNA polymerase II over the transcription start site.

Source of Antigen or Antibodies

Uniprot: P29037

Host: Rabbit

Clonality: Polyclonal

Purification: Ammonium sulfate followed by peptide affinity purification

Immunogen: 20 amino acid peptide within region 200-300 of Mouse TBP conjugated to KLH

Species Reactivity: Mouse and Human

Cross reactivity: Peptide region used as an immunogen shows 100% homology with but not limited to Human, Rat, Monkey, Sheep, Dog, Cat, Pig, Bovine, and Horse. Reactivity has only been confirmed in-house with Mouse and Human samples.

Subcellular Location: Nucleus

Tissue specificity: Widely expressed, with highest levels in the testis and ovary.

Recommended Secondary Antibody: Goat anti-Rabbit IgG-HRP (**ADI cat#20320**)

Negative Control: Non-immune Rabbit IgG (**ADI cat# 20009-1**).

Form & Storage of Antibodies

Affinity pure IgG

Solution

Concentration: 0.5 mg/ml Volume: 200 ul
Supplied in PBS pH 7.4 + 0.1% BSA

Lyophilized powder

Reconstitute powder in 200 ul distilled water to 0.5 mg/ml

Storage:

Short-term: 4°C for 1 month

Long-term: at -20°C or below in suitable aliquots after reconstitution for 1 year. Do not expose to multiple freeze/thaw cycles or store working, diluted solutions.

Recommended Usage

Western Blotting: 0.5-1 ug/ml

Note: Although TATAB is expressed in most tissues and cell lines, endogenous protein expression of TATAB will likely be below the detection limit of Western blots. We would recommend only nuclear fractions be used.

IHC: 1-10 ug/ml. Antigen retrieval in pH 6 sodium citrate buffer is recommended.

*Above concentrations are a suggestion and user's must optimize assay based on their conditions. Antibody may work in other applications such as Flow Cytometry, ICC, or IP. These methods have not been tested by ADI.

**This product is for In vitro research use only.*

Related materials available from ADI

NFKB65, BrdU, p53, BCL2, and BAX antibodies are also available from ADI

TATAB11-A

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