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Research Use Only. Not for diagnostic or therapeutic use.

EB11401 - Goat Anti-TBP /Transcription factor IID (isoform1) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GTF2D, GTF2D1, HDL4, MGC117320, MGC126054, MGC126055, SCA17, TATA box binding protein, TATA sequence-binding protein, TATA-box binding protein N-terminal domain, TATA-box factor, TATA-box-binding protein, TFIID,

transcription initiation factor TFIID TBP subunit, TBP

Official Symbol: TBP

Accession Number(s): NP_003185.1

Human GeneID(s): 6908

Non-Human GeneID(s): 21374 (mouse), 117526 (rat)

Important Comments: This antibody is expected to recognize reported isoform

1(NP_003185.1) only.

Immunogen

Peptide with sequence DQNNSLPPYAQ-C, from the N Terminus of the protein sequence according to NP_003185.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

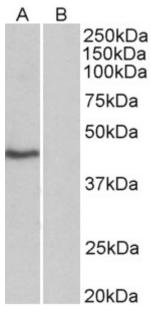
Western blot: Approx 40kDa band observed in nuclear, but not in cytosolic lysates of cell line HeLa (calculated MW of 37.7kDa according to NP_003185.1). Recommended

concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB11401 (0.3μg/ml) staining of HeLa nuclear (A) and cytosolic (B) lysates (35μg protein in commercial extraction buffer). Primary incubation was 1 hour. Detected by chemiluminescence.