

Product Datasheet

TATA binding protein TBP Antibody (1TBP18) NB500-700

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB500-700**TATA binding protein TBP Antibody (1TBP18)**

Product Information	
Unit Size	0.1 mg
Concentration	1.7 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1TBP18
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4)

Product Description	
Host	Mouse
Gene ID	6908
Gene Symbol	TBP
Species	Human, Mouse, Rat, Drosophila (Negative)
Reactivity Notes	It does not react with TBP from Drosophila, Yeast, Silk Worm, or Xenopus. Other species not investigated. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	This antibody recognizes an epitope within amino acid residues 1-20 of human, mouse and rat TBP.
Immunogen	Synthetic peptide corresponding to the N-terminus of the human TATA-binding protein.
Notes	This antibody may be used in Western blot and electrophoretic mobility (gel shift) assays to detect mammalian TBP. It may also be used to immunoprecipitate a truncated TBP molecule containing only the N-terminal domain.

Product Application Details	
Applications	Western Blot, ELISA, Gel Super Shift Assays, Immunoprecipitation
Recommended Dilutions	Western Blot 2 ug/ml, ELISA 1:100-1:2000, Immunoprecipitation 1:10-1:500, Gel Super Shift Assays 1:1-1:100



Publications

Matsumura Y, Ito R, Yajima A et al. Spatiotemporal dynamics of SETD5-containing NCoR-HDAC3 complex determines enhancer activation for adipogenesis Nat Commun 2021-12-03 [PMID: 34857762]

Sheldon Kathryn E, Shandilya Harish, Kepka-Lenhart Diane et al. Shaping the murine macrophage phenotype: IL-4 and cyclic AMP synergistically activate the arginase I promoter. J Immunol 2013-01-01 [PMID: 23913966] (WB, WB, Mouse)

Inagaki T, Iwasaki S, Matsumura Y et al. The FBXL10/KDM2B scaffolding protein associates with novel polycomb repressive complex-1 to regulate adipogenesis. J. Biol. Chem. 2014-12-22 [PMID: 25533466] (Mouse)

Lalevee S, Lapaire O, Buhler M. miR455 is linked to hypoxia signaling and is deregulated in preeclampsia. Cell Death Dis. 2014-09-04 [PMID: 25188518]

Chuang CH, Wallace MD, Abratte C et al. Incremental genetic perturbations to MCM2-7 expression and subcellular distribution reveal exquisite sensitivity of mice to DNA replication stress. PLoS Genet. 2010-09-09 [PMID: 20838603] (WB, Mouse)

Wakabayashi K, Okamura M, Tsutsumi S et al. The peroxisome proliferator-activated receptor gamma/retinoid X receptor alpha heterodimer targets the histone modification enzyme PR-Set7/Setd8 gene and regulates adipogenesis through a positive feedback loop. Mol Cell Biol. 2009-07-01 [PMID: 19414603] (WB, Mouse)

An CI, Ganio E, Hagiwara N. Trip12, a HECT domain E3 ubiquitin ligase, targets Sox6 for proteasomal degradation and affects fiber type-specific gene expression in muscle cells. Skelet Muscle 2013-05-10 [PMID: 23663701] (WB, Mouse)

Okamura M, Kudo H, Wakabayashi K-i et al. COUP-TFII acts downstream of Wnt/{beta}-catenin signal to silence PPAR{gamma} gene expression repress adipogenesis. PNAS;106(14):5819-5824. 2009-01-01 [PMID: 19307559]

Reagan-Shaw, S et al. RNA Interference-Mediated Depletion of Phosphoinositide 3-Kinase Activates Forkhead Box Class O Transcription Factors Induces Cell Cycle Arrest Apoptosis in Breast Carcinoma Cells. Cancer Res; 66: (2), 2006. 2006-01-01 [PMID: 16424042]





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Limitations

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