

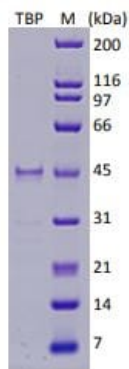
Recombinant Human TATA binding protein TBP ab81897

1 References 2 图像

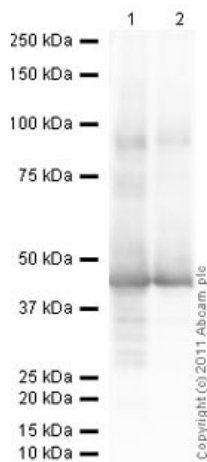
描述	
产品名称	重组人TATA binding蛋白TBP
生物活性	1 unit equals 1 nanogram of purified protein.
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>NM_003194</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MDQNNSLPPY AQGLASPQGA MTPGIPIFSP MMPYGTGLTP QPIQ NTNSL SILEEQRRQQ QQQQQQQQQQ QQQQQQQQQQ QQQQQQQQQQ QQQQQQAVAA AAV QQSTSQ QATQGTSGQA PQLFHSQTLT TAPLPGTTPL YPSPMTPMTP ITPATPASES SG IVPQLQN IVSTVNLGCK LDLKTIALRA RNAEYNPKRF AAVIMRIREP RTTALIFSSG K MVCTGAKS EEQSRLAARK YARVVQKLGF PAKFLDFKIQ NMVGSCDVKF PIRLEGLVLT HQQFSSYEP ELFPGLIYRM IKPRIVLLIF VSGKVLTGA KVR AEIYEAF ENIYPILKG FRKTT
预测分子量	39 kDa
氨基酸	1 to 339
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab81897 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Gel Supershift Assays SDS-PAGE

	Western blot
	EMSA
形式	Liquid
补充说明	1 unit equals 1 nanogram of purified protein.
制备和贮存	
稳定性和存储	<p>Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.</p> <p>pH: 7.9</p> <p>Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)</p>
常规信息	
功能	<p>General transcription factor that functions at the core of the DNA-binding multiprotein factor TFIID. Binding of TFIID to the TATA box is the initial transcriptional step of the pre-initiation complex (PIC), playing a role in the activation of eukaryotic genes transcribed by RNA polymerase II. Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (preinitiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1 with the rDNA promoter. SL1 is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA.</p>
组织特异性	Widely expressed, with levels highest in the testis and ovary.
疾病相关	<p>Defects in TBP are the cause of spinocerebellar ataxia type 17 (SCA17) [MIM:607136]. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA17 is an autosomal dominant cerebellar ataxia (ADCA) characterized by widespread cerebral and cerebellar atrophy, dementia and extrapyramidal signs. The molecular defect in SCA17 is the expansion of a CAG repeat in the coding region of TBP. Longer expansions result in earlier onset and more severe clinical manifestations of the disease.</p>
序列相似性	Belongs to the TBP family.
细胞定位	Nucleus.
图片	



SDS-PAGE - Recombinant Human TATA binding protein TBP (ab81897)



Western blot - Recombinant Human TATA binding protein TBP (ab81897)

All lanes : Anti-TATA binding protein TBP antibody - Nuclear Loading Control and ChIP Grade ([ab63766](#)) at 1 µg/ml

Lane 1 : Recombinant Human TATA binding protein TBP (ab81897) at 0.1 µg

Lane 2 : Recombinant Human TATA binding protein TBP (ab81897) at 0.01 µg

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 10 seconds

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Promise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors