abcam

Product datasheet

Recombinant Human TATA binding protein TBP ab81897

1 References　画像数 2

製品の詳細

製品名	Recombinant Human TATA binding protein TBP
生理活性	1 unit equals 1 nanogram of purified protein.
精製度	> 95 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	NM_003194
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MDQNNSLPPY AQGLASPQGA MTPGIPIFSP MMPYGTGLTP QPIQ NTNSL SILEEQQRQQ 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 VSGKVVLTGA KVRAEIYEAF ENIYPILKG FRKTT
予測される分子量	39 kDa
領域	1 to 339
タグ	His tag N-Terminus

特性

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.

アプリケーション	Gel Supershift Assays
	SDS-PAGE

	Western blot
	EMSA
製品の状態	Liquid
備考	1 unit equals 1 nanogram of purified protein.

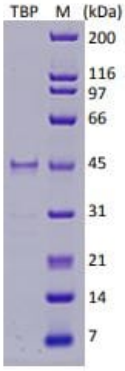
前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)

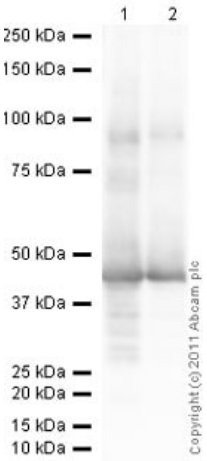
関連情報

機能	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.
組織特異性	Widely expressed, with levels highest in the testis and ovary.
関連疾患	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.
配列類似性	Belongs to the TBP family.
細胞内局在	Nucleus.

画像



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

Our Abpromise 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.co.jp/abpromise** or contact our technical team.

Terms and conditions

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