abcam

Product datasheet

Anti-TATA binding protein TBP antibody ab70009

1 References　画像数 1

製品の概要

製品名	Anti-TATA binding protein TBP antibody
製品の詳細	Rabbit polyclonal to TATA binding protein TBP
由来種	Rabbit
アプリケーション	**適用あり:** WB, ELISA
種交差性	**交差種:** Mouse, Rat, Human
免疫原	Synthetic peptide (Human) from an internal region
ポジティブ・コントロール	293 cell extract

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg^{2+} and Ca^{2+}), 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee　Abpromise保証は、次のテスト済みアプリケーションにおけるab70009の使用に適用されます

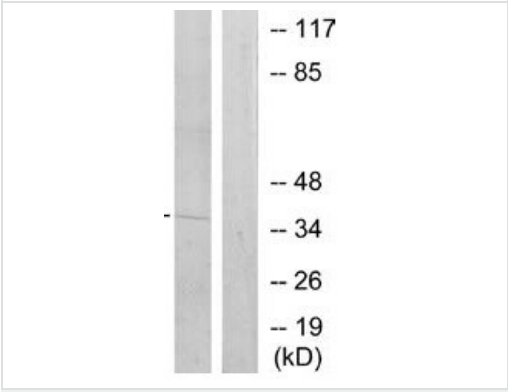
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa).
ELISA		1/40000.

ターゲット情報

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



Western blot - Anti-TATA binding protein TBP antibody (ab70009)

All lanes : Anti-TATA binding protein TBP antibody (ab70009)

Lane 1 : 293 cells

Lane 2 : 293 cells with blocking peptide

Predicted band size: 38 kDa

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