



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### TBP recombinant monoclonal antibody, clone 3C7

**Catalog Number:** RAB03973

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against human TBP.

**Clone Name:** 3C7

**Immunogen:** Original antibody is raised against recombinant protein corresponding to full length human TBP.

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Affinity-chromatography

**Isotype:** IgG

**Recommend Usage:** ELISA

Western Blot (1:500-1:5000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)

**Storage Instruction:** store at -20 °C or -80 °C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6908

**Gene Symbol:** TBP

**Gene Alias:** GTF2D, GTF2D1, MGC117320, MGC126054, MGC126055, SCA17, TFIID

**Gene Summary:** Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds

to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes TBP, the TATA-binding protein. A distinctive feature of TBP is a long string of glutamines in the N-terminal. This region of the protein modulates the DNA binding activity of the C terminus, and modulation of DNA binding affects the rate of transcription complex formation and initiation of transcription. Mutations that expand the number of CAG repeats encoding this polyglutamine tract, and thus increase the length of the polyglutamine string, are associated with spinocerebellar ataxia 17, a neurodegenerative disorder classified as a polyglutamine disease. [provided by RefSeq]