

Recombinant TAF1 Monoclonal Antibody

catalog number: **AN301862L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

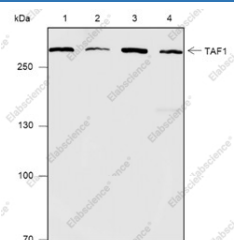
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human TAF1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131484
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
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Data



Western Blot with TAF1 Monoclonal Antibody at dilution of 1:1000. Lane 1: HepG2, Lane 2: SW480, Lane 3: Neur-2a Lane 4: Rat brain

Observed-MW:280 kDa

Calculated-MW:213 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

TBP (TATA-binding protein) is a ubiquitously expressed nuclear protein that functions at the core of the general transcription factor protein complex TFIID. TFIID, which contains TBP and 13 TBP-associated factors (TAFs), contributes to the formation of the transcription pre-initiation complex, an assembly of multiple protein complexes (TFIIA, TFIIB, TFIIE, TFIIIF, TFIIH, and RNA polymerase II) that bind to a gene promoter during the initiation of transcription. Once the pre-initiation complex is formed, RNA polymerase II becomes competent for elongation and transcribes the body of a gene. TBP functions in the recruitment of TFIID by binding to the TATA-box sequence found approximately 25 base pairs upstream of the transcription start site of many protein-coding genes. In addition, many transcriptional activator proteins interact with TBP and various TAF proteins to facilitate recruitment of TFIID and formation of the pre-initiation complex.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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