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# Datasheet for ABIN655710 anti-TAF1 antibody (C-Term)

Image



Overview

Quantity:	400 µL
Target:	TAF1
Binding Specificity:	AA 1863-1893, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This TAF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1863-1893 amino acids from the C-terminal region of human TAF1.
Clone:	RB14388
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TAF1
Alternative Name:	TAF1 (TAF1 Products)
Background:	Initiation of transcription by RNA polymerase II requires the activities of more than 70

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polypeptides. The protein that coordinates these activities is the basal transcription factor
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 the largest subunit of TFIID. This subunit binds to core promoter
sequences encompassing the transcription start site. It also binds to activators and other
transcriptional regulators, and these interactions affect the rate of transcription initiation. This
subunit contains two independent protein kinase domains at the N and C-terminals, but also
possesses acetyltransferase activity and can act as a ubiquitin-activating/conjugating enzyme.
This gene is part of a complex transcriptional unit (TAF1/DYT3), wherein some products share
exons with TAF1 as well as additional exons downstream.

Molecular Weight:	212677
Gene ID:	6872
NCBI Accession:	NP_004597, NP_620278
UniProt:	P21675

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small	

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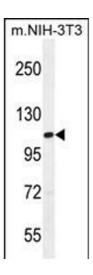
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#### aliquots to prevent freeze-thaw cycles.

Expiry Date:

6 months

#### Images



#### Western Blotting

**Image 1.** TAF1 Antibody (C-term) (ABIN655710 and ABIN2845161) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane).This demonstrates the TAF1 antibody detected the TAF1 protein (arrow).