

Datasheet for ABIN2780702
anti-TAF6 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TAF6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Guinea Pig, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF6 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TAF6
Sequence:	PSVQPIVKLV STATTAPPST APSGPGSVQK YIVVSLPPTG EGKGGPTSHP
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TAF6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TAF6
---------	------

Target Details

Alternative Name: TAF6 ([TAF6 Products](#))

Background: 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. TAF6 is one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. One of the isoforms has been shown to preclude binding of one of the other TFIID subunits, thereby reducing transcription and initiating signals that trigger apoptosis. 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 one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. Four isoforms have been identified but complete transcripts have been determined for only three isoforms. One of the isoforms has been shown to preclude binding of one of the other TFIID subunits, thereby reducing transcription and initiating signals that trigger apoptosis.

Alias Symbols: DKFZp781E21155, MGC:8964, TAF2E, TAFII70, TAFII80, TAFII85, TAFII-70, TAFII-80, TAF(II)70, TAF(II)80

Protein Interaction Partner: SOX5, HNF4A, MED26, TRRAP, HIST3H3, UBC, TBP, AHR, APP, TAF1L, TAF3, TAF9B, TAF10, TAF9, TAF7, TAF5, TAF4, TAF2, TAF1, KMT2A, USF1, ERCC1, TAF8, KAT2A, SETD7, NR1D2, NCOR1, NFYC, NFYB, NFYA, MBD3, SIN3A, ALL1, SAP30, SMARCC2, SMARCC1, SMARCB1, SMARCA2, RB

Protein Size: 677

Molecular Weight: 73 kDa

Gene ID: 6878

NCBI Accession: [NM_005641](#), [NP_005632](#)

UniProt: [P49848](#)

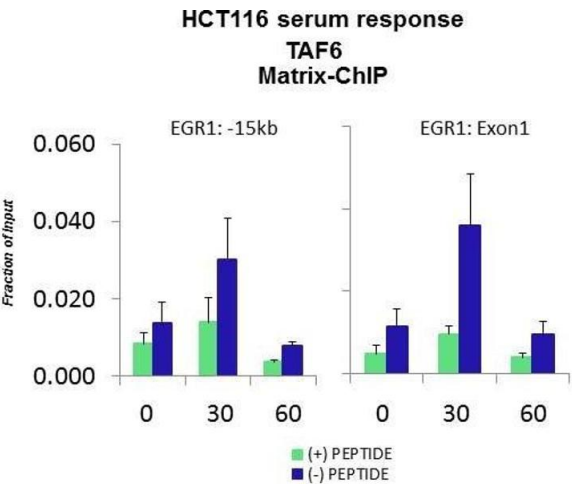
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 677 AA
Restrictions:	For Research Use only

Handling

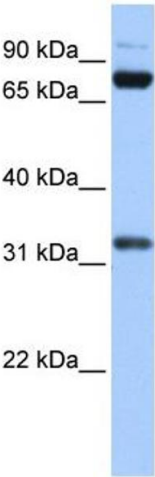
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Chromatin Immunoprecipitation

Image 1. Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.



Western Blotting

Image 2. WB Suggested Anti-TAF6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T