

Datasheet for ABIN2775955
anti-TAF6 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	TAF6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Guinea Pig, Cow, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TAF6
Sequence:	LTDEVSYRIK EIAQDALKFM HMGKRQKLTT SDIDYALKLK NVEPLYGFHA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Yeast: 91%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against TAF6. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	TAF6
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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: 667

Molecular Weight: 71 kDa

Gene ID: 6878

NCBI Accession: [NM_139122](#), [NP_620834](#)

UniProt: [A4D2B3](#)

Application Details

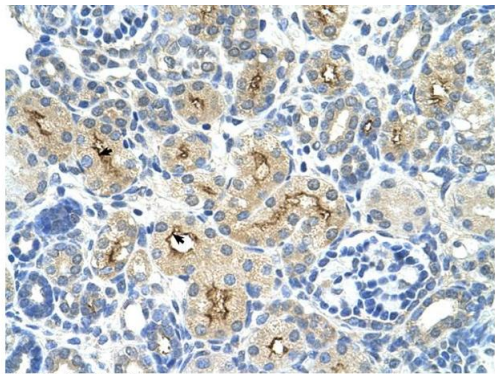
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 667 AA
Restrictions:	For Research Use only

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.

Publications

Product cited in:	Braun, Sponder, Pieper, Aschenbach, Deiner: "GABA selectively increases mucin-1 expression in isolated pig jejunum." in: Genes & nutrition , Vol. 10, Issue 6, pp. 47, (2015) (PubMed).
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Rabbit Anti-TAF6 Antibody
Catalog Number: ARP34693
Lot Number: QC11586
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Human kidney



Western Blotting

Image 2. WB Suggested Anti-TAF6 Antibody Titration:
1.25ug/ml Positive Control: Transfected 293T