

Datasheet for ABIN2778851
anti-TAF15 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	TAF15
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF15 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 TAF15
Sequence:	HQGSYDEQSN YDQQHDSYSQ NQQSYHSQRE NYSHHTQDDR RDVSRYGEDN
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TAF15. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TAF15
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Target Details

Alternative Name:	TAF15 (TAF15 Products)
Background:	<p>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. TAF15 encodes a subunit of TFIID present in a subset of TFIID complexes. Translocations involving chromosome 17 and chromosome 9, where the gene for the nuclear receptor CSMF is located, result in a gene fusion product that is an RNA binding protein associated with a subset of extraskeletal myxoid chondrosarcomas.</p> <p>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 a subunit of TFIID present in a subset of TFIID complexes. Translocations involving chromosome 17 and chromosome 9, where the gene for the nuclear receptor CSMF is located, result in a gene fusion product that is an RNA binding protein associated with a subset of extraskeletal myxoid chondrosarcomas. Two transcripts encoding different isoforms have been identified.</p> <p>Alias Symbols: Npl3, RBP56, TAF2N, TAFII68, hTAFII68</p> <p>Protein Interaction Partner: RPA3, RPA2, RPA1, SUZ12, RNF2, EZH2, BMI1, EED, UBD, PRMT8, MED26, UBC, FUS, TPR, TPM2, DDB1, SCARB2, RNF168, TMED9, SAP30BP, NEDD8, CAND1, DCUN1D1, COPS5, COPS6, CUL1, CUL2, CUL3, CUL4A, CUL4B, CUL5, YWHAZ, SIRT7, HIST2H4A, HIST1H3A, HIST2H2AC, CACNA1A,</p> <p>Protein Size: 589</p>
Molecular Weight:	61 kDa
Gene ID:	8148
NCBI Accession:	NM_003487 , NP_003478

Target Details

UniProt: Q92804

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 589 AA
Restrictions:	For Research Use only

Handling

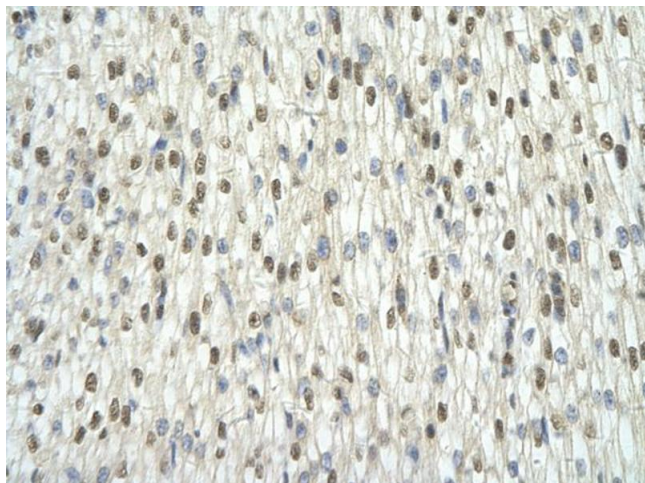
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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



Western Blotting

Image 1. WB Suggested Anti-TAF15 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate TAF15 is supported by BioGPS gene expression data to be expressed in 721_B



Immunohistochemistry

Image 2. Rabbit Anti-TAF15 antibody Paraffin Embedded
Tissue: Human Heart cell Cellular Data: cardiac cell Antibody
Concentration: 4.0-8.0 ug/ml Magnification: 400X