

Datasheet for ABIN2779283  
**anti-TAF15 antibody (N-Term)**



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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | TAF15   |
| Binding Specificity: | N-Term  |
| Reactivity:          | Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Saccharomyces cerevisiae |
| 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:             | TDSSYGQNYS GYSSYGQSQS GYSQSYGGYE NQKQSSYSQQ PYNNQGQQQN   |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Guinea Pig: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Yeast: 77%             |
| Characteristics:      | This is a rabbit polyclonal antibody against TAF15. It was validated on Western Blot and immunohistochemistry. |
| Purification:         | Affinity Purified  |

## Target Details

|         |       |
|---------|-------|
| Target: | TAF15 |
|---------|-------|

# Target Details

|                   |  |
|-------------------|--|
| Alternative Name: | TAF15 ( <a href="#">TAF15 Products</a> )   |
| 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. Its 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.</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: 592</p> |
| Molecular Weight: | 61 kDa   |
| Gene ID:          | 8148   |
| NCBI Accession:   | <a href="#">NM_139215</a> , <a href="#">NP_631961</a>  |

## Application Details

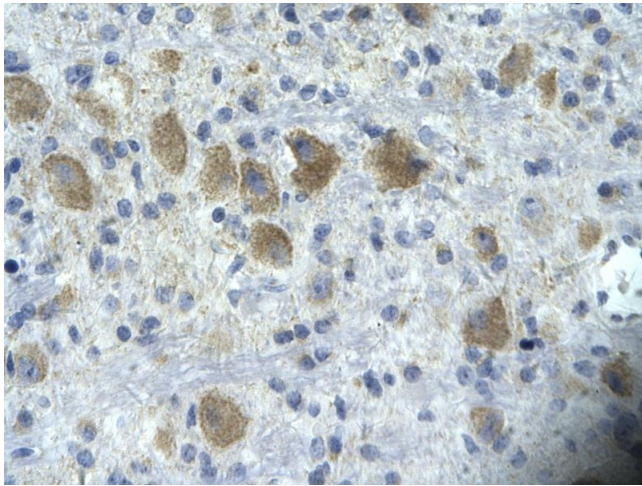
|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 592 AA   |
| Restrictions:      | For Research Use only  |

## 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: | <p>Schatz, Brändlein, Rückl, Hensel, Vollmers: "Diagnostic and therapeutic potential of a human antibody cloned from a cancer patient that binds to a tumor-specific variant of transcription factor TAF15." in: <b>Cancer research</b>, Vol. 70, Issue 1, pp. 398-408, (2010) (<a href="#">PubMed</a>).</p> <p>Lee, Kim, Pelletier, Kim: "Stimulation of hTAFII68 (NTD)-mediated transactivation by v-Src." in: <b>FEBS letters</b>, Vol. 564, Issue 1-2, pp. 188-98, (2004) (<a href="#">PubMed</a>).</p> |
|-------------------|---|



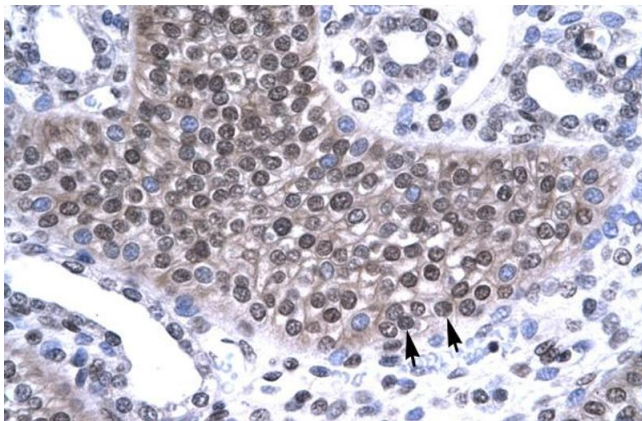
**Immunohistochemistry**

**Image 1.** Rabbit Anti-TAF15 Antibody Paraffin Embedded  
Tissue: Human renal cell Cellular Data: Epithelial cells of renal tubule  
Antibody Concentration: 4.0-8.0 ug/ml  
Magnification: 400X



**Immunohistochemistry**

**Image 2.** Rabbit Anti-TAF15 Antibody Paraffin Embedded  
Tissue: Human cardiac cell Cellular Data: Epithelial cells of renal tubule  
Antibody Concentration: 4.0-8.0 ug/ml  
Magnification: 400X



**Immunohistochemistry**

**Image 3.** Rabbit Anti-TAF 15 Antibody Paraffin Embedded  
Tissue: Human Kidney Cellular Data: Epithelial cells of collecting tubule  
Antibody Concentration: 4.0-8.0 ug/ml  
Magnification: 400X

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2779283.