

## Rabbit anti-Human TAF1 Polyclonal Antibody | anti-TAF1 antibody

Rabbit anti-TAF1 Antibody, Affinity Purified

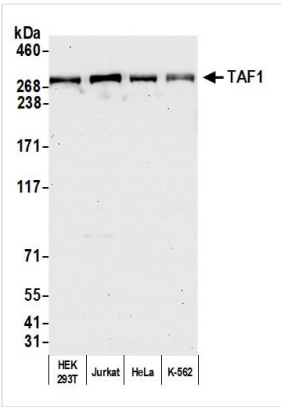
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                            |
|-----------|--------|------------|---------------------------------------------------------|
| AAA212195 | Rabbit | Human      | Immunohistochemistry, Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

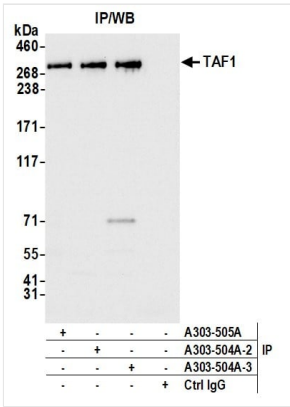
TAF1; Polyclonal Antibody; Rabbit anti-TAF1 Antibody; Affinity Purified; Transcription initiation factor TFIID 250 kDa subunit; TAF(II)250; TAF1 RNA polymerase II; TATA box binding protein (TBP)-associated factor; 250kDa; TAF2A; TAFII250; TAFII-250; OF; transcription factor TFIID p250 polypeptide; N-TAF1; transcription initiation factor TFIID subunit 1; XDP; TBP-associated factor 250 kDa; cell cycle gene 1 protein; BA2R; P250; CCGS; cell cycle; G1 phase defect; complementation of cell cycle block; G1-to-S; DYT3; DYT3/TAF1; KAT4; MRXS33; NSCL2; CCG1; Transcription initiation factor TFIID subunit 1; TATA-box binding protein associated factor 1; anti-TAF1 antibody

### PRODUCT SPECIFICATIONS

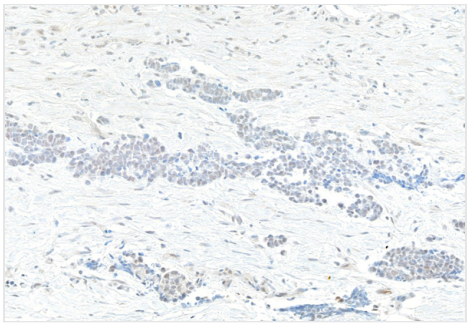
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human                                                                                     |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-TAF1 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)                   |
| Immunogen                                      | Between 1800 and 1850                                                                     |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |



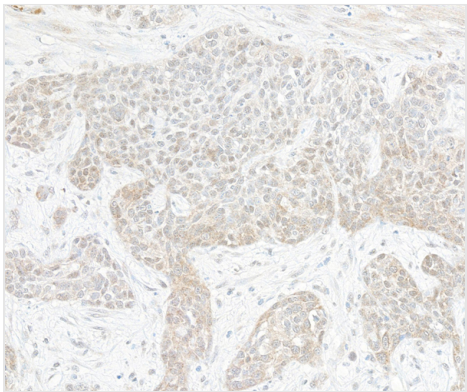
**WB (Western Blot)**  
Detection of human TAF1 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, Jurkat, HeLa, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TAF1 antibody AAA212195 lot 3 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**IP (Immunoprecipitation)**  
Detection of human TAF1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TAF1 antibody AAA212195 lot 3 used for IP at 6 ug per reaction. TAF1 was also immunoprecipitated by a previous lot of this antibody (AAA212195 lot 2) and rabbit anti-TAF1 antibody . For blotting immunoprecipitated TAF1, AAA212195 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



**IHC (Immunohistochemistry)**  
Detection of human TAF1 by immunohistochemistry. Sample: FFPE section of bladder carcinoma. Antibody: Rabbit anti-TAF1 antibody (AAA212195 lot 3) used at 1:1000 (1 ug/ml). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



**IHC (Immunohistochemistry)**  
Detection of human TAF1 by immunohistochemistry. Sample: FFPE section of lung carcinoma. Antibody: Rabbit anti-TAF1 antibody (AAA212195 lot 3) used at 1:5000 (0.2 ug/ml). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TAF1 antibody | Transcription initiation factor TFIID subunit 1 (TAF1) is the largest component and core scaffold of the TFIID basal transcription factor complex. TAF1 contains novel N- and C-terminal Ser/Thr kinase domains which can autophosphorylate or transphosphorylate other transcription factors. TAF1 phosphorylates TP53 on 'Thr-55' which leads to MDM2-mediated degradation of TP53. It also phosphorylates GTF2A1 and GTF2F1 on Ser residues. TAF1 possesses DNA-binding activity and is essential for progression of the G1 phase of the cell cycle [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/P21675">www.uniprot.org/uniprot/P21675</a> ]. |
| Product Categories/Family for anti-TAF1 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 187761328   |
| NCBI GeneID               | 6872        |
| NCBI Accession #          | NP_620278.1 |
| NCBI GenBank Nucleotide # | NM_138923   |

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | P21675; Q59FZ3; Q6IUZ1; Q70Q86; Q70Q87; Q70T00; Q70T01; Q70T02; Q70T03; A5CVD0                                                                                                                                                                                  |
| Molecular Weight                 | ~130 kDa                                                                                                                                                                                                                                                        |
| NCBI Official Full Name          | Homo sapiens TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa (TAF1), transcript variant 2, mRNA                                                                                                                                |
| NCBI Official Synonym Full Names | TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa                                                                                                                                                                                |
| NCBI Official Symbol             | TAF1                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | OF; XDP; BA2R; CCG1; CCGS; DYT3; KAT4; P250; NSCL2; TAF2A; N-TAF1; TAFII250; DYT3/TAF1                                                                                                                                                                          |
| NCBI Protein Information         | transcription initiation factor TFIID subunit 1; TAFII-250; TAF(II)250; cell cycle gene 1 protein; cell cycle, G1 phase defect; TBP-associated factor 250 kDa; transcription factor TFIID p250 polypeptide; complementation of cell cycle block, G1-to-S; trans |
| UniProt Protein Name             | Transcription initiation factor TFIID subunit 1                                                                                                                                                                                                                 |
| UniProt Gene Name                | <b>TAF1</b>                                                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | BA2R; CCG1; CCGS; TAF2A; p250; TAF(II)250; TAFII-250; TAFII250                                                                                                                                                                                                  |
| UniProt Entry Name               | TAF1_HUMAN                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/taf1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212195>