

Rabbit anti-Human, Mouse TAF1 Polyclonal Antibody | anti-TAF1 antibody

Rabbit anti-TAF1 Antibody, Affinity Purified

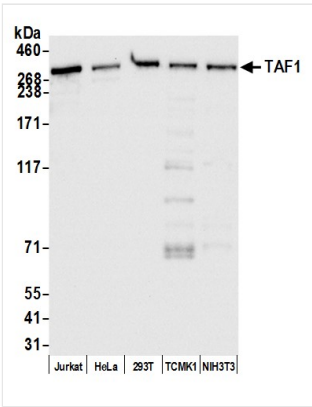
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212196	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

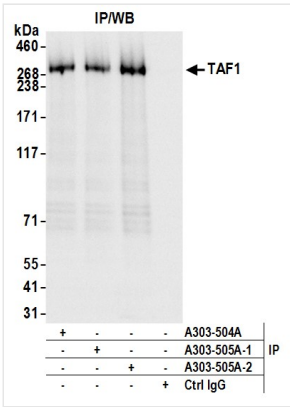
TAF1; Polyclonal Antibody; Rabbit anti-TAF1 Antibody; Affinity Purified; Transcription initiation factor TFIID 250 kDa subunit; TAF(II)250; TAF1 RNA polymerase II; TATA box binding protein (TBP)-associated factor; 250kDa; TAF2A; TAFII250; TAFII-250; OF; transcription factor TFIID p250 polypeptide; N-TAF1; 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, Mouse
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	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Golden hamster
Immunogen	Between 1800 and 1850
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse TAF1 by western blot. Samples: Whole cell lysate (15 ug) from Jurkat, HeLa, HEK293T, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TAF1 antibody AAA212196 (lot AAA212196-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 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 Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TAF1 antibody AAA212196 (lot AAA212196-2) used for IP at 6 ug per reaction. TAF1 was also immunoprecipitated by a previous lot of this antibody (lot AAA212196-1) and rabbit anti-TAF1 antibody For blotting immunoprecipitated TAF1, AAA212196 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

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) www.uniprot.org/uniprot/P21675].
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	TAF1
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-immunoprecipitation-western-blot-elisa/212196>