

Rabbit anti-Human, mouse TAF2 Polyclonal Antibody | anti-TAF2 antibody

TAF2 Antibody (C-Term)

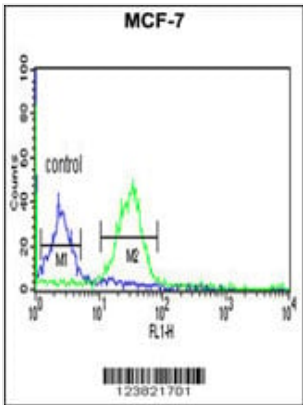
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288011	Rabbit	Human, mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

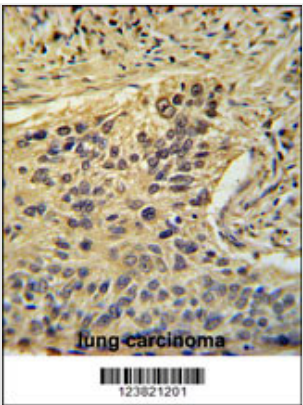
TAF2; Polyclonal Antibody; TAF2 Antibody (C-Term); Transcription initiation factor TFIID subunit 2; 150 kDa cofactor of initiator function; RNA polymerase II TBP-associated factor subunit B; TBP-associated factor 150 kDa; Transcription initiation factor TFIID 150 kDa subunit; TAF(II)150; TAFII-150; TAFII150; CIF150; TAF2B; anti-TAF2 antibody

PRODUCT SPECIFICATIONS

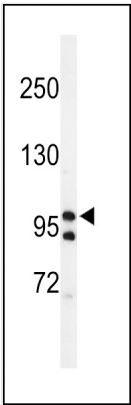
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TAF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1152-1180 amino acids from the C-terminal region of human TAF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	1152-1180
Sequence Length	1199
Applicable Applications for anti-TAF2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Function	Transcription factor TFIID is one of the general factors required for accurate and regulated initiation by RNA polymerase II. TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. It requires core promoter-specific cofactors for productive transcription stimulation. TAF2 stabilizes TFIID binding to core promoter.
Cellular Location	Nucleus.
Tissue Location	Expressed in all tissues tested.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
TAF2 Antibody (C-Term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
TAF2 Antibody (C-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TAF2 Antibody (C-Term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from HT-29, Jurkat, KG-1, PC-3 cell line (from left to right), using TAF2 Antibody (C-Term). AAA288011 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-TAF2 antibody	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 larger subunits of TFIID that is stably associated with the TFIID complex. It contributes to interactions at and downstream of the transcription initiation site, interactions that help determine transcription complex response to activators.
Product Categories/Family for anti-TAF2 antibody	Crown Antibodies
References	Olsen, J.V., et al. Cell 127(3):635-648(2006) Kim, J.E., et al. J. Proteome Res. 4(4):1339-1346(2005) Guermah, M., et al. Mol. Cell 12(4):991-1001(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507347
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NCBI GeneID	6873
NCBI Accession #	NP_003175.1
NCBI GenBank Nucleotide #	NM_003184.3
UniProt Accession #	Q6P1X5; O43487; O43604; O60668; Q86WW7; Q8IWK4; B2RE82
Molecular Weight	136971
NCBI Official Full Name	transcription initiation factor TFIID subunit 2
NCBI Official Synonym Full Names	TAF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 150kDa
NCBI Official Symbol	TAF2
NCBI Official Synonym Symbols	MRT40; TAF2B; CIF150; TAFII150
NCBI Protein Information	transcription initiation factor TFIID subunit 2
UniProt Protein Name	Transcription initiation factor TFIID subunit 2
UniProt Gene Name	TAF2
UniProt Synonym Gene Names	CIF150; TAF2B; TAF(II)150; TAFII-150; TAFII150
UniProt Entry Name	TAF2_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://stage.aaabiotech.com/polyclonal/taf2-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/288011>