

Rabbit anti-Human, Mouse TAF5 Polyclonal Antibody | anti-TAF5 antibody

TAF5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323987	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TAF5; Polyclonal Antibody; TAF5 Antibody; fc38g05; MGC123129; p85; TAF(II)100; TAF2D; TAF5 RNA polymerase II; TATA box binding protein (TBP)-associated factor; 100kDa; TAFII 80; TAFII100; TATA box binding protein (TBP)-associated factor 2D; RNA polymerase II; D; 100kD; TBP-associated factor; 100-KD; Transcription initiation factor TFIID 100 kDa subunit; Transcription initiation factor TFIID 85 kDa subunit; Transcription initiation factor TFIID subunit 5; wu:fc38g05; zgc:123129; anti-TAF5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TAF5 antibody detects endogenous levels of total TAF5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	800
Applicable Applications for anti-TAF5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nuclear
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)

AAA323987 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using TAF5 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323987 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TAF5 antibody	Function: TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TAFs components-TIIFD are essential for mediating regulation of RNA polymerase transcription. TAF5/TAFII100 interacts strongly with the histone H4-related TAF6/TAFII80 and the histone H3-related TAF9/TAFII31, as well as a stable complex comprised of both TAF5/TAFII80 and TAF6/TAFII31. Apparently weaker interactions of TAF5/TAFII100 with TBP, TAF1/TAFII250, TAF11/TAFII28, and TAF12/TAFII20, but not TAF7/TAFII55, also have been observed. Subunit Structure: Homodimer. TFIID and PCAF are composed of TATA binding protein (TBP) and a number of TBP-associated factors (TAFs). TBP is not part of TFTC. Component of the TFTC-HAT complex, at least composed of TAF5L, TAF6L, TADA3L, SUPT3H/SPT3, TAF2/TAFII150, TAF4/TAFII135, TAF5/TAFII100, GCN5L2/GCN5, TAF10 and TRRAP. Interacts with SV40 Large T antigen. Similarity: Distinct domains of TAF5/TAFII100 are required for functional interaction with transcription factor TFIIFB (RAP30) and incorporation into the TFIID complex. Belongs to the WD repeat TAF5 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21071067
NCBI GeneID	6877
NCBI Accession #	NP_008882.2
NCBI GenBank Nucleotide #	NM_006951.4
UniProt Accession #	Q15542; Q53EM4; Q5SYD5; Q86UZ7; Q9Y4K5; A8K5B4; B2RMR0; B7ZKJ6
Molecular Weight	Observed: 87 kD Predicted: 87 kDa
NCBI Official Full Name	transcription initiation factor TFIID subunit 5 isoform 1
NCBI Official Synonym Full Names	TATA-box binding protein associated factor 5
NCBI Official Symbol	TAF5
NCBI Official Synonym Symbols	TAF2D; TAFII100; TAFII-100; TAF(II)100
NCBI Protein Information	transcription initiation factor TFIID subunit 5
UniProt Protein Name	Transcription initiation factor TFIID subunit 5

UniProt Gene Name	TAF5
UniProt Synonym Gene Names	TAF2D; TAF(II)100; TAFII-100; TAFII100

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/taf5-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323987>