

Rabbit TAF2 Polyclonal Antibody | anti-TAF2 antibody

TAF2 antibody - middle region

CATALOG # AAA197584	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation
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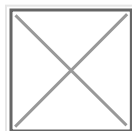
PRODUCT SYNONYMS

TAF2; Polyclonal Antibody; TAF2 antibody - middle region; anti-TAF2 antibody

PRODUCT SPECIFICATIONS

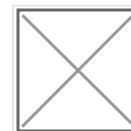
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RK RNVLELEIKQ DYTSPGTQKY VGPLKVTVQE LDGSFNHTLQ IEENSLKH
Sequence Length	1199
Applicable Applications for anti-TAF2 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TAF2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TAF2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: 293T cell lysate
TAF2 is supported by BioGPS gene expression data to be expressed in HEK293T



ChIP (Chromatin Immunoprecipitation)

Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.

ADDITIONAL INFORMATION

Related Product Information for anti-TAF2 antibody	This is a rabbit polyclonal antibody against TAF2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. TAF2 is 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-TAF2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	1519316338
NCBI GeneID	6873
NCBI Accession #	NP_003175
NCBI GenBank Nucleotide #	NM_003184
UniProt Accession #	Q6P1X5
Molecular Weight	137kDa
NCBI Official Full Name	transcription initiation factor TFIID subunit 2
NCBI Official Synonym Full Names	TATA-box binding protein associated factor 2
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.