

Rabbit GTF2H4 Polyclonal Antibody | anti-GTF2H4 antibody

GTF2H4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327704	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

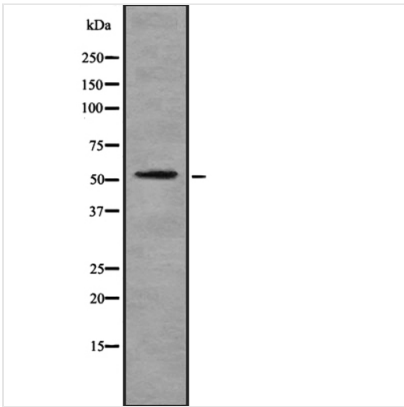
PRODUCT SYNONYMS

GTF2H4; Polyclonal Antibody; GTF2H4 Antibody; Basic transcription factor 2 52 kDa subunit; Basic transcription factor 52 kDa subunit; BTF2 p52; General transcription factor IIH polypeptide 4 52kDa; General transcription factor IIH polypeptide 4 52kDa subunit; General transcription factor IIH polypeptide 4 52kDa variant; General transcription factor IIH polypeptide 4; General transcription factor IIH subunit 4; Gtf2h4; OTTHUMP00000029049; OTTHUMP00000164874; P52; TF2H4_HUMAN; TFB2; TFIIH basal transcription factor complex p52 subunit; TFIIH protein; TIFIIH; Transcription factor II H; Transcription factor IIH 52 kDa subunit; anti-GTF2H4 antibody

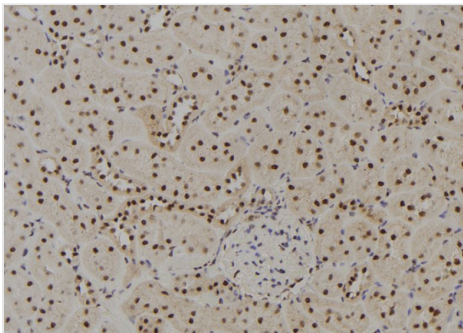
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GTF2H4 antibody detects endogenous levels of total GTF2H4
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	462
Applicable Applications for anti-GTF2H4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GTF2H4
Subcellular Location	Nucleus.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis GTF2H4 using 293 whole cell lysates



IHC (Immunohistochemistry)
AAA327704 at 1/100 staining Rat kidney 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.

ADDITIONAL INFORMATION

Related Product Information for anti-GTF2H4 antibody	Function: Component of the general transcription and DNA repair factor IIH (TFIIH) core complex, which is involved in general and transcription-coupled nucleotide excision repair (NER) of damaged DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II. In NER, TFIIH acts by opening DNA around the lesion to allow the excision of the damaged oligonucleotide and its replacement by a new DNA fragment. In transcription, TFIIH has an essential role in transcription initiation. When the pre-initiation complex (PIC) has been established, TFIIH is required for promoter opening and promoter escape. Phosphorylation of the C-terminal tail (CTD) of the largest subunit of RNA polymerase II by the kinase module CAK controls the initiation of transcription. Subunit Structure: Component of the 7-subunit TFIIH core complex composed of XPB/ERCC3, XPD/ERCC2, GTF2H1, GTF2H2, GTF2H3, GTF2H4 and GTF2H5, which is active in NER. The core complex associates with the 3-subunit CDK-activating kinase (CAK) module composed of CCNH/cyclin H, CDK7 and MNAT1 to form the 10-subunit holoenzyme (holo-TFIIH) active in transcription. Similarity: Belongs to the TFB2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504201
NCBI GeneID	2968
NCBI Accession #	NP_001508.1
NCBI GenBank Nucleotide #	NM_001517.4
UniProt Accession #	Q92759; Q76KU4; B4DTJ5
Molecular Weight	Observed: 52 kDa Predicted: 53 kDa
NCBI Official Full Name	general transcription factor IIH subunit 4
NCBI Official Synonym Full Names	general transcription factor IIH subunit 4
NCBI Official Symbol	GTF2H4
NCBI Official Synonym Symbols	P52; TFB2; TFIIH
NCBI Protein Information	general transcription factor IIH subunit 4
UniProt Protein Name	General transcription factor IIH subunit 4
UniProt Gene Name	GTF2H4
UniProt Synonym Gene Names	BTF2 p52

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/gtf2h4-antibody-immunohistochemistry-western-blot-elisa/327704>